

19990401.qrp v01_n413.qrl.990401

Date: Thu, 1 Apr 1999 19:03:42 EST

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1413

QRP-L Digest 1413

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- 1) [37034] K2 coverage of 10 m?
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- 2) [37035] The AR contests
by Larry Cahoon <wd3p@juno.com>
- 3) [37036] Argonaut Mods/Argonaut Stuff.
by "E. Andrews" <earlve3ab@igs.net>
- 4) [37037] Ten Tec Transverter is Sold
by RobCap@aol.com
- 5) [37038] Re: Homebrew Paddles
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- 6) [37039] Need DSP filter advice
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by "Shannon Dew" <s.dew@worldnet.att.net>
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- 13) [37046] QRP-L at Dayton 1999
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
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by hamjoel@juno.com
- 15) [37048] Re: QRP-L at Dayton 1999
by "Shannon Dew" <s.dew@worldnet.att.net>
- 16) [37049] FS MFJ 418
by art marshall <w1fji@vistech.net>
- 17) [37050] Re: Unidentified Carriers on 20 Meters.
by Gary L Surrency <gsurrency@juno.com>
- 18) [37051] Re: ethernet terminator question
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 19) [37052] Wire Loving XYL...

- by Bruce T Hopkins <KL7H_C6A@compuserve.com>
- 20) [37053] SPRING BOUQUET OPERATIONS...
by Fred Lesnick <flesnick@tbaytel.net>
- 21) [37054] First QRP dx -- NC20 - NC20 (mind blown)
by sda <sda@bellsouth.net>
- 22) [37055] FS:Kenwood TS-50 w/CW Filtre
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 23) [37056] CANADIAN QRP SPRING BOUQUET--- FLOWER STATION SCHEDULE 1999
by Earl Murphy <earlmurf@telusplanet.net>
- 24) [37057] Re: WTB 453 Scope manual
by wa8rxi@juno.com
- 25) [37058] Re: 2N2/40 parts
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
- 26) [37059] about to set sail
by N7YA@aol.com
- 27) [37060] Re: ethernet terminator question
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 28) [37061] Q about AB7TT's Stealth Antenna
by "Glen Torr" <glentorr@ozemail.com.au>
- 29) [37062] Re: CW Offset
by "Al Gritzmacher" <ae2t@bigfoot.com>
- 30) [37063] Does anyone remember this antenna
by "Bruce" <Bruce2@prodigy.net>
- 31) [37064] QRPTTF Rules Update
by Paul Harden <pharden@aoc.nrao.edu>
- 32) [37065] Re: NC20 Power Connector - CORRECTION!!
by David Fifield <fifield@pacbell.net>
- 33) [37066] Re: 2N2/40 parts
by Mont Pierce <mont@inreach.com>
- 34) [37067] trade heil for qrp.
by KU4YP@aol.com
- 35) [37068] Belden 9880
by Peter_Simpson@ne.3com.com
- 36) [37069] Paddles
by "Edward A Kwik jr" <eakwikjr@hti.com>
- 37) [37070] BELDEN WEBSITE
by "Richard Brummer" <obvious@bestweb.net>
- 38) [37071] FW: coax
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
- 39) [37072] FW: straight key..
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
- 40) [37073] FW: coax
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
- 41) [37074] F.S. Misc Items
by "OHR" <qrp@ohr.com>
- 42) [37075] SOURCE OF TOOLS
by Brad Bradfield <b_bradfield@yahoo.com>
- 43) [37076] Re: Paddles [long]

by Chuck Adams <adams@ticnet.com>
44) [37077] Re: coax
by "Mike Yetsko" <myetsko@insydesw.com>
45) [37078] Knwd TS-570DG - reducing the pwr under 5 watts
by kreinbd@ccgate.dl.nec.com (David Kreinberg)
46) [37079] Misc Items F.S.
by "OHR" <qrp@ohr.com>
47) [37080] Great DX!
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
48) [37081] Re: Great DX!
by Paul Erickson <paule@sfu.ca>
49) [37082] Great DX!
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
50) [37083] NorCal Resistor Kits
by "Richard E. Robinson" <rerobins@email.uncc.edu>
51) [37084] Re: Great DX!
by Karl.Kanalz@optelinc.com
52) [37085] Re: Great DX!
by "Michael A. Gipe" <mgipe@reliablemeters.com>
53) [37086] RE: Great DX!
by "Ed Tanton" <n4xy@mindspring.com>
54) [37087] Re: Great DX!
by jeverhar@cse.l-3com.com
55) [37088] Re: Does anyone remember this antenna
by Vic Rosenthal <rakefet@rakefet.com>
56) [37089] "
by Scott Howell <whowell@hq.nasa.gov>
57) [37090] FDIM Feedback needed
by "Kenneth W. Evans" <w4du@bellsouth.net>
58) [37091] Re: Great DX!
by Vic Rosenthal <rakefet@rakefet.com>
59) [37092] Re: NorCal Resistor Kits
by "Richard Brummer" <obvious@bestweb.net>
60) [37093] FW: Great DX!
by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
61) [37094] Spring Bouquet....
by Fred Lesnick <flesnick@tbaytel.net>
62) [37095] About to hit the Trail (2-4 April)
by John Harper AA5YX/2 <aa5yx@juno.com>
63) [37096] A couple of things
by Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
64) [37097] Summer 10M Foxhunt - Rules Repost
by "KA5T Larry Wise" <lewise@inetport.com>
65) [37098] Re: Great DX!
by "Jerry Bartachek" <jbartac@max.state.ia.us>
66) [37099] CQC Swap List
by "Marshall Emm" <mgemm@mtechnologies.com>
67) [37100] Re: Great DX!

by Bob Hightower <ki7mn@extremezone.com>
68) [37101] Quad Model Study, Part 7
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
69) [37102] Re: A couple of things
by Bruce Kizerian <kizerian@ced.utah.edu>
70) [37103] Re: cw offset[?]
by "D. Hammond" <wdp@kconline.com>
71) [37104] On the Air!!!
by Sonny Haumesser <sphaumesser@netzero.net>
72) [37105] Re: Summer 10M Foxhunt - Rules Repost
by Chuck Adams <adams@ticnet.com>
73) [37106] Re: Great DX!
by "John Moriarity" <k6qq@hdo.net>
74) [37107] Re: Great DX!
by "Ken & Linda Burrough" <ne0c@1st.net>
75) [37108] NEED: Micro 20 Rec. Schematic by K1BQT
by "David A. Beach" <dbeach@cancom.net>
76) [37109] Re: NEED: Micro 20 Rec. Schematic by K1BQT
by "KA5T Larry Wise" <lewise@inetport.com>
77) [37110] Re: FDIM Feedback needed
by George Gingell <k3tks@u1.abs.net>
78) [37111] Searchable Callbook
by "Tom Moll" <tomm@xata.com>
79) [37112] Paddles Again
by "Edward A Kwik jr" <eakwikjr@hti.com>
80) [37113] Sale:Sierra
by Jay Bromley <w5jay@alltel.net>
81) [37114] Re: Paddles Again
by Roger Hightower <n7kt@earthlink.net>
82) [37115] Coaxial Traps
by Roy Lincoln <wa4dou@usa.net>
83) [37116] Re: cw offset[?]
by Ted Beach <tedbeach@yahoo.com>
84) [37117] Antenna Temperature and Noise
by Ed Loranger <we6w@qsl.net>
85) [37118] Re: Antenna Temperature and Noise
by "Steve Sorrell" <ap036@detroit.freenet.org>

Date: Wed, 31 Mar 1999 20:43:49 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [37034] K2 coverage of 10 m?
Message-ID: <37027AF5.664D@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Content-Transfer-Encoding: 7bit

Perhaps a K2 field tester would like to confirm if the K2's coverage of 10 m is indeed 28.0 to 28.8 MHz as the preliminary manual has it.

The 15 m band coverage is given as 21.0-21.6 MHz. In contrast with the 800 kHz of the 10 m band this seems rather wide, but then the allocation may be different outside Region I (21.0 to 21.45 MHz) and anyway it wouldn't be a problem for me (may not be true in other European countries, though).

73, Arjen

OH2ZAZ

--

Arjen Raateland

SAS Support

Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Thu, 1 Apr 1999 01:01:51 +0100

From: Larry Cahoon <wd3p@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [37035] The AR contests

Message-ID: <19990401.010152.4270.0.wd3p@juno.com>

Hi Gang,

It's the end of March so it is also time for another update to the AR contests. I must admit that the pace has slowed a bit this month. Current standing is 42 states QRPP at a total power of 9.77 Watts. I'm still missing IL, ME, MT, ND, OR, WA, WV, and WY. No offers of help pse, I'll catch them in a contest, from a mobile on just in casual operation.

On the millenium contest the standing is 531 QSO of the 2000 needed. I'm ahead of schedule on that one.

73/72 de Larry.....WD3P.....in MD

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or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 31 Mar 99 19:20:20 PST
From: "E. Andrews" <earlve3ab@igs.net>
To: qrp-1@Lehigh.Edu
Subject: [37036] Argonaut Mods/Argonaut Stuff.
Message-ID: <MAPI.Id.0016.0061726c766533613030303930303039@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just got another Argonaut..a 509 which has been aligned using a spectrum analyser and a sweep generator. Seems to be working "right on" and the VFO is smooth..the fellow rewound the dial string...I got good audio and signal report and had a ragchew on 75. Now to get my other Argo 509 working just as well. Which leads me to the point of Argonaut Mods. Iam working on a mod which should bring my other 509 right up to and past the original specs...I might mention ..this is not a "quickie mod". Iam building 4 sets of filters for each of the 5 bands using some bandpass filter designs from a previous QRP quarterly. I have used a Tectronics scope and a good rf sig generator and thus far Im pleased with the 5 filters ive built!!!--only 15 more to go!!-It is a long term project and I hope to really spruce up the Ten Tec 509--and when im finished it should beat the pants of the stock 509 which ive added to my collection. Why 20 band pass filters! To accomplish the same as the argo filters which were INPUT to RCVR RF amp (dg mosfet) and then an OUTPUT filter and on Transmit...an input filter to the RF Preamp assy and an OUTPUT filter...ONLY MINE Will be fixed ..with torroids and should never go out of alignment through field use ect. Just Curious if there are other Argonaut People out there? ...If so ..Id like to hear about some mods. I have read the stuff on the Internet on improving SSB Performance etc but perhaps you have come up with something else...How about adding Digital Readout? Ive thought of it..or even a mod to put the argo on 160! I saw an article on that in the SPRAT index on the web. Myself..id go the external transverter route to get the argo on 160..as per handbook QST article. With Mods ..you dont want to go too far....so that the Argonaut is

no longer an Argonaut!

Id be interested in corresponding. There once was an Argonaut Club I

beleive....ALSO..Id

be interested in getting a 515 Model!--If someone knows where I can get one
..let me know!

73 Earl VE3AB

Date: Wed, 31 Mar 1999 20:10:51 EST
From: RobCap@aol.com
To: HEATH@listserv.tempe.gov, qrp-l@lehigh.edu
Subject: [37037] Ten Tec Transverter is Sold
Message-ID: <af7ea83d.3702c79b@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Fellas:

I'm sorry to disappoint so many of you, but I came home after being out just a few hours, and had 15+ offers on the Ten Tec Transverter. So it has been sold. The Internet is sometimes just too powerful to comprehend. In the old days, I would have placed an ad in a magazine, and waited three months for it to appear, and be glad to get one offer.

Anyway, thanks for writing.

73 & 72 & DX,

Rob, W3DX

Date: Wed, 31 Mar 1999 20:16:20 -0500
From: "George Heron" <n2apb@erols.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <hhurst@delaware.infi.net>
Subject: [37038] Re: Homebrew Paddles
Message-ID: <009c01be7bdd\$46193ac0\$12ceaccf@herong>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Making *good* homebrew paddles is tremendously rewarding and will offer many years of service. A couple of ideas:

1) Jim Nestor WK8G/2 had some of his handiwork there at the Atlanticon building contest "QRPPaddles" ... that was actually another version of what he did about 1.5 years ago and was published in QRPP (I forget what issue), as well as on the Jersey QRP website (<http://www.njqrp.org/mbrproj/paddles.html>) Check this location out for full photos and dimensioned diagrams.

2) Bill Nicolson, N2WF did a customized homebrew version of the famous K8FF paddles (NorCal kit last year). The K8FF is a fabulous magnetic-resistance paddle that can be tuned just right to your liking. I love it and use it every day. Bill did some customization of the base and provided full photos and dimensioned diagrams also on the Jersey QRP website (http://www.njqrp.org/mbrproj/n2wf_paddles.html)

GL & 73,
--George N2APB
n2apb@amsat.org

>Now I'm ready to build a "nice" paddle. Homebrew, but not totally ugly
....

Date: Wed, 31 Mar 1999 20:33:54 -0500
From: "Jeff Casey" <jcasey@notes.cc.sunysb.edu>
To: QRP-L@LEHIGH.EDU
Subject: [37039] Need DSP filter advice
Message-ID: <85256746.00088B2E.00@notes.cc.sunysb.edu>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang,
I'm looking into purchasing a DSP audio filter and would appreciate comments from anyone who has experience with these units. The units I'm considering are the JPS NIR-12, the MFJ 784B and the Timewave DSP-599zx. I'm especially interested in how the units perform on CW and in the presence of power line noise.

Thanks very much.

Jeff

WB5GWB
Long Island, NY

Date: Wed, 31 Mar 1999 18:31:49 -0600
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [37040] DC power jacks - Innovations?
Message-ID: <199904010131.UAA08970@mail3.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have been disappointed in the DC power jacks on the rigs I have built on QRP rigs, including the Norcal 20. I even tried the Mouser replacement talked about on the list...bought two and the companion plugs with strain reliefs. I actually find these to be worse than the stock jack/plug. The plug stem is shorter.

My main problem with these style jacks/plugs is that the plug slips out too easily. I need something that will hold in solid. Has anyone found anything different that holds in real solid? I am thinking of taking a 1/8" mono audio jack and using that.

Just curious if any innovators out there have found a suitable solution.

Peace and 72/73,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Wed, 31 Mar 1999 19:43:16 -0600
From: "chris cieslak" <ccieslak@law.uiuc.edu>
To: <sda@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37041] Re: DC power jacks - Innovations?
Message-ID: <001b01be7be1\$03a29fc0\$12ba9acf@ais.net>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

i would recommend not using mono audio plugs for power since both conductors on a phone plug are exposed, and if you lay the connector down on a metal surface, you could damage your power supply, or at least blow a fuse.

My personal favorite is a molex connector. usually i run a pigtail out with a connector on the end.

73 chris aa9hd

>
> My main problem with these style jacks/plugs is that the plug
> slips out too easily. I need something that will hold in solid.
> Has anyone found anything different that holds in real solid?
> I am thinking of taking a 1/8" mono audio jack and using that.

Date: Wed, 31 Mar 1999 20:53:28 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <sda@bellsouth.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37042] RE: DC power jacks - Innovations?
Message-ID: <005501be7be2\$704ca890\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Todd... I've never found the coaxial power jacks used today in an awful lot of gear to be so easily removeable as you imply... and I'm not certain how anything could come out more easily than a 1/8" phone jack-plus: EVERY time you plug or unplug such a plug/jack you have a potential short-thus they make awful (and dangerous) power connectors. I wonder if you have been using a 2.1mm coaxial power jack with a 2.5mm plug?

Yes-even when they are properly matched-you can pull them out, but "slip" out easily? No way-unless they're tugged. Advice: don't tug on them.

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Wed, 31 Mar 1999 20:52:48 -0500
From: "Shannon Dew" <s.dew@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [37043] Advice for new QRPer/Homebrewer
Message-ID: <002101be7be2\$9ef2f320\$22efffd0@108175129worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,
Some of ya'll may remember me, but I've been traveling a lot
with work and not been on the list ('cept ultralurk mode) for a while.
Anyway, I bought my first DMM yesterday and I've got a few questions.
I bought a RS 22-178 Bar Graph DMM (got \$30 off
because it was the last one), and my readings seem to drift. On measurements
of DC voltage and AC voltage, the readings drift constantly. My continuity
check doesn't seem to work (tested on a known bad circuit). I was wondering
if anyone else has this DMM and has had any similar problems, or am I
just doing it wrong? Can anyone suggest a good way to test it? This
was the display model and the one of the only DMMs left in the store...

Also, can anyone recommend some good primers for electronic circuit design
and basic electronic theory? I honestly need to brush up and would
also like to pass them along to my dad when I'm through.

Thanks for your help,
73,
Shannon
KB0JKW

Date: Wed, 31 Mar 1999 18:18:15 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [37044] Yes there will be a second run of the NorCal Resistor Kit
Message-ID: <01be7be5\$e71b3600\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gee, what a response. More than enough to justify a second run of the NorCal resistor kit. Here is the offer:

Latest NorCal Kit!

2000 Resistors - \$25 + \$4 S&H

*1/4 Watt, 5%

*Brand New Stock

*80 Values, 25 of each value supplied:

1, 1.2, 1.5, 1.8, 2.2, 2.7, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2,

10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82,

100, 120, 150, 180, 220, 270, 330, 390, 470, 560, 680, 820,

1K, 1.2K, 1.5K, 1.8K, 2.2K, 2.7K, 3.3K, 3.9K, 4.7K, 5.6K, 6.8K, 8.2K,

10K, 12K, 15K, 18K, 22K, 27K, 33K, 39K, 47K, 56K, 68K, 82K,

100K, 120K, 150K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K,

1M, 1.2M, 1.5M, 1.8M, 2.2M, 2.7M, 3.3M, 3.9M, 4.7M

Now you won't have to run to Radio Shack every time you need a resistor.

These are supplied in strips of 25, and a neat way to store them is to use a 4" x 6" card file holder. The card file will hold regular sized envelopes and you can put a strip in each envelope, write the value in the upper right corner, arrange the envelopes numerically and the resistors are instantly available. Simple and easy to store.

To order:

1. Send me an email asking to have a kit reserved for you. I will confirm that you are on the list.

2. Send a check or money order for \$25 for each kit plus \$4 shipping for US and Canada and \$8 shipping for DX to:

Doug Hendricks
NorCal Resistor Kit
862 Frank Ave.
Dos Palos, CA 93620

Please make check or money order out to Doug Hendricks, NOT NorCal. Also, please include a self addressed mailing label. Kits should ship by May 1st.

Thanks for the great support. 72, Doug KI6DS & Jim, WA6GER

Date: Wed, 31 Mar 1999 18:40:45 -0800

From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>

To: Arjen.Raateland@vyh.fi

Cc: QRP-L <qrp-l@lehigh.edu>

Subject: [37045] Re: K2 coverage of 10 m?

Message-ID: <3702DCAD.393478EE@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Arjen

We were being overly conservative in the early release of the manual. The K2 should easily cover up through above 29 MHz (worst case). My K2 actually works well through 29.4 MHz. We're double checking the component tolerances in the PLL and will publish an update to this when we release the next manual revision with production K2's.

73, Eric WA6HHQ
<http://www.elecraft.com>

Date: Thu, 01 Apr 1999 02:44:30 -0500
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campuscw.net>
To: qrp-l@lehigh.edu
Subject: [37046] QRP-L at Dayton 1999
Message-ID: <3.0.16.19990401024347.2fbfdcb2@som-uky.campuscw.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There was some interest in this last year, so I'll try it again for 1999.

If you are a member of the Internet QRP club (and you are I guess, since you're reading this), and will be attending Dayton this year, send me an email with your call and QRP-L number. If you have no number, that's ok too (read below), just send me your call. Beginning April 15, I'll post a weekly roster to QRP-L. The list will also become available at www.qsl.net/ka8okh/qrp-l-dayton.

****Please**** put "QRP-L" (no quotes) in your message Subj: field so my email filter will sort things out. Something like the following would be nice -

Subj: QRP-L <yourcall> <qrp-l#>

To receive your QRP-L number (you read this in Chuck's post yesterday, didn't you?), send a message to listserv@lehigh.edu with the following in the message BODY (not the Subj: field) -

RUN QRP-L X GETNR <your call>

Hope to see you there!

Rich, KA80KH

Date: Wed, 31 Mar 1999 21:56:08 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [37047] SSTV VERY QRP PHOBIC
Message-ID: <19990331.215609.-215007.3.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hIGH their and hello to all bodies:

I recall someone telling me that sstv was alergic to qrp.... I felt kinda skeptical,,,

howevers... tonite I had someone drop the sstv qso as soon as he remembered I was a qrp station...

he answered my cq, so I can only assume he was copying me.... he made no mention of any problem in copying... he only asked my power level... then said he did not think that he aproved of qrp - sstv.... and went qrt...

what gives here... does sstv not work unless someone is s9+20??? because I am limited to 5 watts at the present time... and because I know I need more than a marginal signal at my power level for sstv... I put up a wire beam... u kneaux, rope, wire, wood dowell rods... cutten wires from formulas... and all that ham (qrp) stuff... man even the "L" would 'prove of that...

I made the necessary provisions for the power level I was using and now I get bashed because... he does not aprove of qrp sstv... does he kneaux what a beating my qrp reputation took for using "a gain antenna" and "all of 5 watts"...

S000ooooo those of U who feel u are being Purse-a-cuted for using low power.... forget it... it's me "they" are purse-a-cuteing....

Smile, don't get excited, just thought U might like to kneaux that U are not the only one that feels this way every now and then... it's all part of the game... kinna nice to kneaux that I raised my chillen to kneaux better.... :-)

I can't repeat what my cajun mama had to say about this.... only that she laughed a lot and broke out the "gator juice"...

an't it a ggrreat hobby!

joel

ke1la

wondering about wandering and just how much power is needed to send a picture...

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 31 Mar 1999 21:57:41 -0500
From: "Shannon Dew" <s.dew@worldnet.att.net>
To: <qrp-l@lehigh.edu>
Subject: [37048] Re: QRP-L at Dayton 1999
Message-ID: <005201be7beb\$752f07a0\$22efffd0@108175129worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey all,
Any QRP-L'ers from West Central Georgia heading to
Dayton? I know I waited a little late, but I'm thinking
of attempting my first trip to Dayton if I can
find someone to travel with. Anyone in the Columbus
and/or Atlanta area going?

Shannon
KB0JKW

Date: Wed, 31 Mar 1999 22:01:49 -0500 (EST)
From: art marshall <w1fji@vistech.net>
To: qrp-l@lehigh.edu
Cc: cw@qth.net
Subject: [37049] FS MFJ 418
Message-ID: <199904010301.WAA23392@44mag.vistech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

MFJ 418 Pocket Morse Tutor for sale and delivered to your door, one month old,
1 to 10, it is a 10, still has protective plastic over LCD window, has
manual,

\$74.00

73 Art w1fji

Date: Wed, 31 Mar 1999 20:25:04 -0700
From: Gary L Surrency <gsurrency@juno.com>
To: ags@ieee.org
Cc: qrp-l@Lehigh.EDU
Subject: [37050] Re: Unidentified Carriers on 20 Meters.
Message-ID: <19990331.204129.-3577.0.gsurrency@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yep, I hear 'em here too. I use them to locate the usual operating freq.'s for DX and QRP. When the QSB's not too bad, they make OK signal generators to align my bandpaa filters from. Other than that, they' re a nuisance. 8^)

72,

Gary Surrency AB7MY QRP-L #571 Chandler, AZ (near Phoenix)

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Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 31 Mar 1999 22:47:30 -0500
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: montp@synacom.com
Cc: qrp-l@lehigh.edu
Subject: [37051] Re: ethernet terminator question
Message-ID: <3.0.1.32.19990331224730.006d2d24@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

At 12:48 PM 3/31/99 -0800, km6wt wrote:

>How would an ethernet network coax terminator work
>as a dummy load for qrp rigs?
>

Fine....but they are not very high power. Probably 1/2 watt for

thinnest, and maybe 1 watt for the larger backbone ethernet (yellow) cable that someone was asking about on another post.

72.....Jim, K8IQY

Date: Wed, 31 Mar 1999 23:04:26 -0500
From: Bruce T Hopkins <KL7H_C6A@compuserve.com>
To: Ade Weiss <aweiss@usd.edu>
Cc: QRP-1 <qrp-1@lehigh.edu>
Subject: [37052] Wire Loving XYL...
Message-ID: <199903312304_MC2-7039-43EA@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hi Ade...

Just had to let you know that there is at least one XYL that thinks wires and antennas =

are OK... That would be my wife Tosh - KL7WW...

The only time I got any real complaints about wires was the time I was working on a project on our sailboat using scads of alligator clip leads and set the =

settee afire... Actually it was mostly the insulation that smoked and a few snake looking burn spots in the velour... Now she thinks it is a great story, especially since she has it documented on video... But then I have her "Peaches Flambe" on tape but that is another story...

She not only allows any hairbrained project that I come up with, she encourages me... She even pushed for me to go on this month long Bahama trip while she stays home keeping the homefires burning...

Yep, there are some out there... Wish I could say that it was just =
my
good
training, but the truth of the matter is I just got lucky... Wouldn't
trade her for
the world, but then I am sure you wouldn't trade yours either... 8^)

Take care and have fun...

72 - Bruce - KL7H / C6A

<http://www.qsl.net/kl7h>

Date: Wed, 31 Mar 1999 23:06:26 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [37053] SPRING BOUQUET OPERATIONS...
Message-ID: <3702F0C1.76CD962@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will try to be on April 2nd at 02:00z on or near 7.042.....So anyone
looking for the Trillium listen up for me....I will be running 5 watts
into my loop....Hope bands are in good shape....

73 Fred

VE3FAL

Thunder Bay,Ontario

You can do so much with so little....

Date: Wed, 31 Mar 1999 21:03:23 -0600
From: sda <sda@bellsouth.net>
To: qrp-l@Lehigh.EDU
Cc: ve2kn@rac.ca
Subject: [37054] First QRP dx -- NC20 - NC20 (mind blown)
Message-ID: <199904010403.XAA01529@mail3.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Had my first CW dx tonight, and it was QRP/QRP dx, and

on top of that it was NC20/NC20! had a great 45 minute QSO with Jim, VE2KN in Montreal, Canada from Baton Rouge Louisiana on 5 watts on 14.060. My mind was really blown. He was 599 and gave me a 579. I just got this incredible feeling communicating with someone so far away with so little power on such cool rigs that we built ourselves from a handful of parts. My mind is totally blown. We found out we are both on this list, as well. Jim, thanks for the great ragchew DX, and congrats on being a ham for 49 years (I have only been ham for 4 months).

Peace and 72/73,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Wed, 31 Mar 1999 22:54:14 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [37055] FS:Kenwood TS-50 w/CW Filtre
Message-ID: <199903312311_MC2-7031-726F@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Gang:

Have For Sale my excellent Kenwood TS-50. Is like-new in appearance and operation. No marks. Has been meticulously well cared for.

Rig covers ham bands 160-10 Metres. CW or SSB. Capable of QRO up to 100 watts out (sic!). Receiver is quiet and extremely sensitive.

Have original Kenwood microphone, mounting bracket for mobile, Kenwood power cord, original manual and shipping carton.

Only \$675.00 including installed Kenwood CW filtre (500 hz).

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Wed, 31 Mar 1999 21:05:21 -0600
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [37056] CANADIAN QRP SPRING BOUQUET--- FLOWER STATION SCHEDULE 1999
Message-ID: <3702E271.13B7@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

GANG:

As promised some time ago, QRP-C is proud to present the CANADIAN QRP
SRING BOUQUET, with the following SCHEDULE of operators better known as
(FLOWER STATIONS), representing their various Provinces/Territories.

APRIL 1st to MAY 31
EXCHANGE: Call, RST, SPC, NAME, QRP-C# (or Power)
FLOWER STATION CQ: CQ SB(SPRING BOUQUET) de VE----
CERTIFICATE: Canadians: minimum 3 Provinces/Territories(including own)
 Americans: minimum 2 Provinces/Territories
 Other: minimum 1 Province/Territory
MORE INFO: Rules/Guidelines/Certificate/ <http://www.rac.ca/qrpcan.htm>
Schedule.

SCHEDULE

April 02...VE5QRP(BRUCE)...SK...40M(7.040-7.045).....CW...01:00Z-03:00Z
April 03...VE5QRP(BRUCE)...SK...20M(14.285)15M(21.385)SSB..16:00Z-18:00Z
April 03...CG3JFF(JEFF) ...ON...10M(28.310).....SSB..19:00Z-21:00Z
April 07...VE6EWM(EARL) ...AB...40M(7.040-7.045).....CW...01:00Z-03:00Z
April 07...VE6QRP(DUNCAN)..AB...40M(7.110).....CW...01:00Z-03:00Z
April 10...VE6EWM(EARL)....AB...80M(3.770).....SSB..02:00Z-04:00Z
April 10...VE6EY(DON).....AB...20M(14.060).....CW...19:00Z-21:00Z
April 13...VE3ELA(KEN).....ON...40M(7.045)+-.....CW...01:00Z-03:00Z
April 16...VE6YC(PETER)....AB...40M(7.065)+-.....SSB..03:00Z-05:00Z
April 17...VE6YC(PETER)....AB...10M(28.310).....SSB..19:00Z-21:00Z
April 18...VE3HYK(ROSS)....ON...20M(14.060).....CW...14:00Z-16:00Z
April 18...VE6EY-VE6DNAB...20M(14.060).....CW...19:00Z-21:00Z
April 21...VE6QRP(DUNCAN)..AB...20M(14.250).....SSB..19:00Z-21:00Z
April 24...VE2KN(JIM).....PQ...40M(7.040-7.045).....CW...13:00Z-15:00Z

April 24...VE6QRP(DUNCAN)...AB...15M(21.250).....SSB...19:00Z-21:00Z
April 25...VE7CQK(PAUL)....BC...20M(14.060).....CW...19:00Z-21:00Z

May 01...VE2KN(JIM).....PQ...40M(7.040-7.045).....CW...13:00Z-15:00Z
May 02...VE3HYK(ROSS)....ON...20M(14.060).....CW...19:00Z-21:00Z
May 04...VE5QRP(BRUCE)...SK...40M(7.040-7.045).....CW...01:00Z-03:00Z
May 08...VE5QRP(BRUCE)...SK...20m/15M/10M.....SSB..TBA TBA TBA
May 15...VE5QRP(BRUCE)...SK...20M/15M/10M.....SSB..TBA TBA TBA
May 16...VE7CQK(PAUL)....BC...20M(14.060).....CW...19:00Z-21:00Z
May 19...VE6EWM(EARL)....AB...40M(7.040-7.045).....CW...01:00Z-03:00Z
May 22...VE5QRP(BRUCE)...SK...20M/15M/10M.....SSB..TBA TBA TBA
May 26...VE3ELA(KEN).....ON...40M(7.040)+-.....CW...01:00Z-03:00Z
May 27...VE6EWM(EARL)....AB...80M(3.770)+-.....SSB..02:00Z-04:00Z

VE1AHX(BEN)...NOVA SCOTIA....TBA TBA TBA
VE3FAL(FRED)..ONTARIO.....TBA TBA TBA

NO FOOLING, we're kicking off on April Fools, April 01...See you all there!!!

The above schedule will be updated from time to time, as well as perhaps other FLOWER STATIONS added. UPDATES will be posted on the RAC web site, so keep an eye for these at <http://www.rac.ca/qrpca.htm>

JOIN us in the FUN!!!!

Regards and 72...Earl(VE6EWM)

Date: Thu, 1 Apr 1999 03:21:06 -0500
From: wa8rxi@juno.com
To: lyons@canada.com
Cc: qrp-l@Lehigh.EDU
Subject: [37057] Re: WTB 453 Scope manual
Message-ID: <19990401.040610.-153759.0.wa8rxi@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On Wed, 31 Mar 1999 07:44:37 -0500 Jim Lyons <lyons@canada.com> writes:
>My friend, who hasn't seen the light yet ... he's not a QRPer, is
>looking for a manual for his Tektronix 453 scope.
>Anyone have one for sale or know
>where he might get one? I boasted that this was the list where
>everything is possible :-)

>

>Jim Lyons, VE2KN

>Montreal

=====

Jim,

Hope the following will be of some assistance...

- 1) Manuals Plus, (801) 882-7188.
 - 2) Ed Matsuda, HP & Tek, (619) 479-0225
 - 3) Manual Merchant, (619) 490-9076, FAX 490-9075, linda_p@ix.netcom.com.
 - 4) Susan, HP, Tek, Fluke, lottsa manuals, (800) 435-1516.
 - 5) Bob Garcia Tek & Racal, (770) 977-5701.
 - 6) Bob Lee, Tek, (503) 774-6560.
 - 7) Deane Kidd, Tek, (503) 625-7363.
- And, Tektronix at (800) 426-2200.

72, Rick - WA8RXI Taylor, MI.

Blue, Orange, Green, Brown, Slate!

You don't need to buy Internet access to use free Internet e-mail.

Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 31 Mar 1999 23:27:25 -0500

From: "Jim Kortge, K8IQY" <jokortge@cwix.com>

To: "Mont Pierce, KM6WT" <montp@synacom.com>

Cc: qrp-l@lehigh.edu

Subject: [37058] Re: 2N2/40 parts

Message-ID: <3.0.1.32.19990331232725.00e8b098@mail49.cwix.com>

MIME-version: 1.0

Content-type: text/plain; charset="us-ascii"

Gang.....if you're not interested in the 2N2/40 project, please
delete now.

At 08:34 AM 3/31/99 -0800, Mont Pierce, KM6WT wrote:

>

>Your probably anxious to see your article get published. Me too, looks
>like a really nice rig. :)

Yes, I am. I really thought that QRPP would make it out the door before
spring arrived, but it wasn't to be I guess. I haven't acutally seen
the final article, so it will be somewhat of a surprise for me also. Paul
was going to send a set of galleys, but didn't. The rig works really well.

If you build one, you will not be disappointed. It is extremely quiet. When you remove the antenna, there is virtually no noise output to the speaker. Quietest rig I've ever used. And very sensitive.

>

>I think I've got a really bad case of the kit builder bug. Sure having fun. :)

Well the 2N2/40 isn't a kit. If you build one, you start with a blank piece of PC board material, and build everything on that, using the little pads from an ADEL nibbling tool, (my preference) or from a 5/32 or 3/16 inch diameter hole punch. Or you could just hack out some little squares of PC board material from another piece the way WJ2V built his.

>

>Has anyone by chance compiled a mouser parts number list for all these parts? Well I started to, but got really frustrated when I couldn't find any suppliers who could source everything. For example, Mouser doesn't carry toroids, and weren't interested in sourcing those. They also don't carry capacitive trimmers that I like, and wouldn't match the crystals for the filter. Tech America didn't stock the crystals that I like to use. Allied wasn't interested. Chuck Adams has been working the problem some, but I don't know if his has been successful or not. I was thinking about doing a partial kit with the "specialty" items in it such as the crystals, capacitive trimmers, toroids, and maybe the varicap diodes. Would you see that as being beneficial, or desirable? Maybe I could get NorCal to do that much of a kit also. They have the buying power and I don't.

>What do you think the likelihood would be to get mouser or some other parts >firm to put together a parts package for something like this?

See above. The most frustrating part of this project so far. And it's not the kind of thing that I like to do. My forte, if I have one, is designing and building. BTW, I have another 2N2 project finished, and am just completing the testing and documentation. So there will be a follow-on project to the 2N2/40. I think the latest creation is gonna blow the suds off a few beers!

>

>Do you think they would give us some kind of special discount if they got >a few hundred orders all at the same time?

Don't know, but I should think so, unless putting together the kits eats up the savings. Like I said before, I didn't have much success when I was working the problem, but then maybe I didn't go at it the correct way or with enough enthusiasm.

I'm taking the liberty of posting this response to the QRP-L gang, as there is useful general information within.

Thanks again for your e-mail, 72, and kind regards.

Jim, K8IQY

Date: Wed, 31 Mar 1999 23:46:08 EST
From: N7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [37059] about to set sail
Message-ID: <3f6e2e59.3702fa10@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, this is it. we are finally moving. i am very excited about it from a radio point of view. we are currently in Lynnwood, WA, just north of Seattle (370' ASL), and we are moving down to South Lake Tahoe, CA (6220' ASL). i will be turning this thing off for good tomorrow morning after a quick mail check, then were off. my wife is really looking forward to moving back after so many years (she lived there as a teenager), and i love the mountains and lakes. the likelihood of an outdoor antenna is high so i hope to take full advantage of that.

so the next time you see my words, they will be originating from the "Big Lake". wish me luck.

73...Adam, N7YA

Date: Thu, 01 Apr 1999 05:30:32 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@lehigh.edu>
Subject: [37060] Re: ethernet terminator question
Message-ID: <3702F668.7F33@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Kortge, K8IQY wrote:

>

> At 12:48 PM 3/31/99 -0800, km6wt wrote:

> >How would an ethernet network coax terminator work

> >as a dummy load for qrp rigs?

> >

> Fine....but they are not very high power. Probably 1/2 watt for

> thinnet, and maybe 1 watt for the larger backbone ethernet (yellow)

> cable that someone was asking about on another post.

>
> 72.....Jim, K8IQY

I also use these all the time on my QRP rigs. They are real handy and you can have a few in different places where you need them. (I have a shack at work and at home.)

The ones we have here (bunches of them that came with Digital network adapters) originally had a strong plastic cover which I removed. Without the cover they look exactly like the terminators sold in electronics shops which are specified for 1 W.

Nevertheless, I run up to 5 W into them. For short periods that's OK, I find. Just feel if the terminator gets too hot. And even if the value would change a little from 50 Ohm, it doesn't matter all that much, now does it?

73,
oh2zaz
--
Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Thu, 1 Apr 1999 16:47:24 +1000
From: "Glen Torr" <glentorr@ozemail.com.au>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37061] Q about AB7TT's Stealth Antenna
Message-ID: <000c01be7c0b\$9fb6e2c0\$39c06ccb@hugo>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Joe and gang,
Got some good ideas from your post "AB7TT's 30m DX-Bagging Station" of a couple of weeks ago.
Just wondered what the length and disposition of your "flattop stinger" wire piece for 40m was?
Thought I would ask here in case others are interested. If this has been answered and I have missed it please forgive me.
Cheers

Glen VK1FB

Date: Thu, 1 Apr 1999 01:15:50 -0500
From: "Al Gritzmacher" <ae2t@bigfoot.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [37062] Re: CW Offset
Message-ID: <000f01be7c0e\$af5dd0a0\$695502d1@laptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>
>Woaa!
>
>>>>
>Example. Your transmitting on 7.100 and you like a 700 Hz tone. That
>means
>you can hear it at 7.800 or 6.400 either way you hear a 700Hz tone. (the
><<<
>
>Actually, that would be 7.099300 MHz or 7.100700 MHz. But you get the
>idea. You just missed some decimal places. ;-)
>
>

Who says those commas and periods are interchangeable???? ;-)

72,

Al AE2T

Date: Wed, 31 Mar 1999 23:09:58 -0800
From: "Bruce" <Bruce2@prodigy.net>
To: <qrp-l@lehigh.edu>
Subject: [37063] Does anyone remember this antenna
Message-ID: <002201be7c0e\$a7c5d860\$ad809cd1@default>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Well had time tonight to sit down and think about the old Mosley El Toro multiband antenna, and for those of you that e-mailed me with your interest in the antenna I will share with you the ideas that I have come up with. As I said before, as I recall the antenna only needed 4 radials in order to be really efficient. Well the way to make a Marconi antenna less dependent on ground resistance is to raise the antenna feed point resistance. It would appear to me that what Mosley did was make the antenna out of two closely spaced 1/4 wave wires by using 450 ohm open wire. By twisting the pair together at the top end they became connected in parallel. Thus the antenna current was divided between the wires when one of the wires is fed and the other is grounded at the feed point. This combination should INCREASE the feedpoint resistance by a factor of 4. Thus a 1/4 wave Marconi vertical that would normally have a feedpoint resistance of say 15+/- would now have a feedpoint resistance of 60+/- ohms.

In view of the above one can see how the required number of radials would be drastically reduced and the antenna still be highly efficient. As I recall Carl Mosley determined that 4 radials were all that were needed and beyond that number the point of diminishing return set in.

As to the multiband operation i.e. 15, 40, 80 mtr, I am still thinking on that, but it would seem to me that each section of the vertical i.e. 15, 40 mtrs must have been designed slightly longer than 1/4 and then the capacitor for the 15 and 40 mtr portion of the vertical was used to electrically shorten those sections back to the frequency that each operator desired. Maybe they were designed to resonate at the very low end of each of those two bands then the amateur could adjust the caps to the portion of the band they wished to work. On eighty meters the entire antenna was in play which was 67 feet minus whatever you trimmed off to tune it to your portion of the 75/80 mtr portion of the band.

Anyway, more to think about, but I am sure I am on the right tract.

Hope this helps all those that were interested in the antenna and especially those that remembered and /or used the antenna many years ago.

Bruce WB4WZL

Date: Thu, 1 Apr 1999 00:12:14 -0700 (MST)

From: Paul Harden <pharden@aoc.nrao.edu>

To: qrp-1@lehigh.edu

Subject: [37064] QRPTTF Rules Update

Message-ID: <Pine.SOL.3.91.990331232802.246L-1000000@zia>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Was off of email for a week, and getting back from Atlanticon, had two dozen emails clarifying some specific circumstances about QRPTTF. My first impression, of course, is how much fun you are all having planning for state borders, Taco Bells, misc. loop holes in the rules, etc. Just great. I can see a bunch of fun on April 24th.

Here's a few clarifications from the questions I was asked that may no doubt be of value to others:

STATE LINES THROUGH RIVERS ... you can operate from either shore and claim both states, since the actual state line is in the center of the river. We don't expect you to snorkel to the middle of the river. EXAMPLE: You could operate from the banks of the Mississippi River at St. Louis, MO, for which Illinois is across the river, for a MO/IL exchange. (Leave it up to Dave Gauding NF0R now to figure out how to load up the St. Louis arch!)

GENERATORS vs BATTERIES. Several have asked if they can use generators in the field in lieu of batteries. Yes. Many do not have all-band QRP rigs and thus want to use a commercial all-band rig. For field credit, you must provide your own power, ie, no commercial power. Generators were not specially mentioned since so few are used, but did not mean to imply they were exempted. We trust you'll keep the wick turned down to 5W though :-)

LESS THAN 1-WATT. We did not include a power multiplier, say for 1W or less, because we already have multipliers coming out of our ears, and, well, we kinda forgot to discuss it. Sorry.

TACO BELLS. I can't believe how many guys are searching far and wide for Taco Bells. Evidently many are near park areas, but are obstructed from direct view by elevated subways (the NYC gang) and interstate highways (the MO/AR gang) and such that prevents a photo, though very close.

OK, here's NorCal's Taco Bell exclusion rule 3B:

In cases of obstructions, you can take a 2-step photo. One of your station to say the subway structure, and a second from the subway structure to the Taco Bell.

But please, don't make this an excuse to use your 5000mm lens to shoot that Taco Bell 15 miles away! Even we have some standards :-). I even got an email from a QRPer who obtained a satellite photo of his state line and 7 miles away indicated the Taco Bell. Cute, but no cigar. If there is a loop hole in the rules ... QRPers *will* find it!

OCEAN WATERS. There are no multipliers allowed for operating from the shores of an ocean. However, next year's "gimmick" will be to award the 2x multiplier for operating from the beach of the Atlantic, Pacific, Gulf of Mexico or the Great Lakes. Sorry - you'll have to wait until next year for that one.

The idea of these "gimmicks" is to bring variation to QRPTTF and give QRPers opportunities to earn the multipliers without excessive travel. And yes ... QRPTTF *is* a to-the-field event, and we strongly believe those who make the efforts to go to-the-field should be rewarded. We also believe it adds a little serendipity to your scoring, in that when you work someone, you don't know how many points that contact is worth. That means your scoring is based MORE on just operating, rather than the whiz-bang rig or antenna you're using, or if you're running 15wpm or 35.

Hope that answers some of your questions and the philosophy of our madness, but most important ... go out and have some fun.

72, Paul NA5N

Date: Wed, 31 Mar 1999 23:52:07 -0800
From: David Fifield <fifield@pacbell.net>
To: w1hue@amsat.org
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37065] Re: NC20 Power Connector - CORRECTION!!
Message-ID: <370325A7.106159A5@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

That's the one Larry - it's a MUCH better connector. I will be supplying this part with a matching 6' 18awg power cord with all the Red Hot NC20 kits and RH40's etc. The Mouser part number for the matching cable is 172-4201. They are \$1.77 (1-10 pieces).

72, Dave Fifield, AD6A
<http://www.redhotradio.com>

Larry East wrote:

>

> THE CORRECT PART NUMBER IS 16PJ032 -- THE MESSAGE SHOULD HAVE READ:

>
> If anyone is interested in replacing the NorCal 20 power connector with
> one having a 2.5 mm rather than a 2.1 mm center pin, you can get the exact
> replacement from Mouser Electronics. The part number is 16PJ032 and the
> price is \$0.64 each (1-10 pieces).

Date: Thu, 01 Apr 1999 23:57:14 -0800
From: Mont Pierce <mont@inreach.com>
To: jokortge@cwix.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37066] Re: 2N2/40 parts
Message-ID: <3704785A.9A48288D@inreach.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jim Kortge, K8IQY wrote:

>
> Gang.....if you're not interested in the 2N2/40 project, please
> delete now.
>
> At 08:34 AM 3/31/99 -0800, Mont Pierce, KM6WT wrote:
> >
> >I think I've got a really bad case of the kit builder bug. Sure having
> fun. :)
> Well the 2N2/40 isn't a kit. If you build one, you start with a blank
> piece of PC board material, and build everything on that, using the

Yeah I know. I should have said I've got the "homebrew" bug. hi hi

> >Has anyone by chance compiled a mouser parts number list for all these parts?
>
> Well I started to, but got really frustrated when I couldn't find any
> suppliers who could source everything. For example, Mouser doesn't carry
...
> I was thinking about doing
> a partial kit with the "specialty" items in it such as the crystals,
> capacitive trimmers, toroids, and maybe the varicap diodes. Would you
> see that as being beneficial, or desirable?

Sure.

> Maybe I could get NorCal to
> do that much of a kit also. They have the buying power and I don't.

That would be great. I love melting solder, just not too keen on having to scrounge around for all the parts.

A good alternative would be to make up some some pre-filled order forms with parts numbers, description and prices already filled in.

For example, if there were text file order forms for:

- Parts to order from Mouser
- Parts to order from Tech America
- Parts to order from Jameco

Then a builder could print the three files, fill in their name and address, stuff it in an envelope with a check and mail it. This would save a lot of time and would encourage a lot more people to take on the project.

73,
km6wt

Date: Thu, 1 Apr 1999 03:36:18 EST
From: KU4YP@aol.com
To: qrp-l@lehigh.edu
Subject: [37067] trade heil for qrp.
Message-ID: <b02a55f.37033002@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

hello,

i would like to offer my heil boom mike headset in trade for qrp rig. it is the model that covers the left ear (as i said before leaving the right one open for the xyl to yell at u). has hc5 element. comes with pigtail wired for foot switch. no plug because i don't know what rig you have. has paperwork that came with it and works fb. cosmetics 10 10.

i want a norcal 40, prefer kit form. value the above at \$100.00 i think a check of aes or others will show this is a pretty good deal. so email me and we can work somethingout. i used the above with my kenwood ts450s for contesting, but don't have the rig or active in contests any more. wanted to try qrp and learn how to build my own equip.

pls don't email me slamming the asking price.

73 and reply email

ku4yp
mike prevatt
lake hendry, fl

Date: Thu, 1 Apr 1999 07:04:24 -0500
From: Peter_Simpson@ne.3com.com
To: qrp-1@lehigh.edu
Subject: [37068] Belden 9880
Message-ID: <85256746.0043D991.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Forwarded to the list for those who are curious.

You mean you don't have a Belden catalog on your bookshelf?
Shame on you!

MHZ dB Loss/100 ft

1	.19
5	.37
10	.52
50	1.20
100	1.70
200	2.55
400	3.90
700	5.50
900	6.50
1000	6.90

26 pF/foot

Vprop 78%

Will work just fine as a replacement for RG-8,
except velocity factor isn't 67%, but 78%

Loss is slightly less and shielding is better.
Solid center conductor means less flexible, but
crimp-on N connectors and PL259s will fit fine.

Now, call 1-800-BELDEN-1 and ask them for a copy

of their "master catalog" !

72,

Peter, KA1AXY

[3x750 meter spools in my garage]

Date: Wed, 31 Mar 1999 13:18:01 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [37069] Paddles
Message-ID: <370266D9.45DB50B4@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now that I have my NC20 up and running. I need a set of paddles to go with it. Are the MFJ and the Bencher paddles the same? They look like they might be and the MFJ's are cheaper.

Ed Kwik AB8DF

Date: Thu, 1 Apr 1999 07:42:25 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.edu>
Subject: [37070] BELDEN WEBSITE
Message-ID: <000501be7c3d\$196a51c0\$8e05b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Now, call 1-800-BELDEN-1 and ask them for a copy of their "master catalog" !

Or, you can try <http://www.belden.com>

73,
Dick K2REB

Date: Thu, 1 Apr 1999 09:01:58 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [37071] FW: coax
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083B1E@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

Well, since a square wave is the sum of the fundamental frequency and (theoretically) all harmonics, if the cable will pass a 10 MHz square wave it should be fine for just about anything in the HF region. Might be questionable for 2 meters and up though.

73 de N8AUC
Eric

> -----
> <snip>

> Remember, thicknet ethernet was 10mbit. Now, that's a 10Mhz bit rate,
> but it does pass a pretty good square wave. So I don't know how good
> the
> stuff is. But regardless of loss, it appears REALLY good for
> shielding!
>
> Mike Yetsko
> N1DVJ
>
>

Date: Thu, 1 Apr 1999 09:04:05 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [37072] FW: straight key..
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083B1F@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

Ameco sells a brass straight key for something like \$12.95 (brand new). AES carries them (at least in the Wickliffe store).

Usual disclaimers....

73 de N8AUC
Eric

```
> -----  
> From:   sergio[SMTP:sruiz@bright.net]  
> Reply To:   sruiz@bright.net  
> Sent:   Wednesday, March 31, 1999 4:17 PM  
> To:     Low Power Amateur Radio Discussion  
> Subject:   straight key..  
>  
> anyone know where to get a decent straight key for relatively cheap?  
>  
> i have found a few around here and there, but they are crazy  
> expensive....  
>  
> --  
> ---  
> peace,  
> sergio  
> http://www.bright.net/~sruiz  
> "the village buzz"  
>  
>
```

```
-----  
Date: Thu, 1 Apr 1999 09:28:48 -0500  
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>  
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>  
Subject: [37073] FW: coax  
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083B21@MAILMAN>  
MIME-Version: 1.0  
Content-Type: text/plain
```

Absolutely right Jerry. Everything has distributed capacitance and inductance, including a straight wire. And if you look closely enough you can see the slight rounding of the corners on a square wave.

Parenthetically, consider this. Those whiz-bang new 500 MHz

pentium processors, (no I don't have one) wonder how much the system clock gets rounded off (waveform wise). Imagine we can now buy computers that can trash a UHF rig???? :-) How cool is that?

73 de N8AUC
Eric

> -----
> From: Jerry W. O'Dell[SMTP:jwodel@ameritech.net]
> Sent: Friday, April 02, 1999 9:16 AM
> To: E.Jessen@orion-consulting.com
> Subject: Re: FW: coax
>
> At 09:01 AM 4/1/99 -0500, you wrote:
> >Well, since a square wave is the sum of the fundamental
> >frequency and (theoretically) all harmonics, if the cable
>
> Now, as I recall my theory, nothing will pass a square wave
> without distortion, not even a straight wire. So I'd think
> you'd have to take into account the amount of distortion, if
> you were to take that approach.
>
> 73 jerry w8gnd, who uses rg58 on 440!
>
>
>

Date: Thu, 1 Apr 1999 09:31:18 -0500
From: "OHR" <qrp@ohr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [37074] F.S. Misc Items
Message-ID: <009f01be7c4c\$4f0f15e0\$dcb48ecf@ohrqrp>

Hello,

I have the following items for sale. All items are in new condition with manuals. All prices include Priority Mail shipping in the U.S.

- 1 Autek Research Model WM-1 Dual Meter Wattmeter. Has 20W scale for QRP use; reads AVG & PEAK; has remote pick-up box. - - - \$55
- 2 Heath Kit Model HM-9 QRP Wattmeter; Unit built for HF use. - - - \$34
- 3 Heath Kit Model SP99 8 ohm station speaker. - - - \$14

- 4 Howes Model DFD4 25 MHz Frequency Counter. - - - \$35
- 5 S&S Eng Model PC1 Programable 40MHz Frequency Counter. - - - \$55
- 6 Ten-Tec Model 1208 20M to 6M Transverter Kit Unbuilt New. - - - \$75
- 7 Ten-Tec Model 1200 2M Amp; 1 - 5 Watts input - 20 - 35 Watts output.

73,
Dick,
KE8KL

Date: Thu, 1 Apr 1999 06:46:40 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [37075] SOURCE OF TOOLS
Message-ID: <19990401144640.8018.rocketmail@web201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good morning y'all - - -

It's going to be a beautiful day here in North Texas. A wet weekend,
but a nice day today.

I just came across a site with a pretty good selection of tools that
y'all might be interested in. As usual, I have no connection whatsoever
to this company, just passing along the information.

They are at: < www.widgetsupply.com >. I did order a set of Security
TORX bits that are a bit hard to find.

72's es 73's,

Brad, W5CGH

===

Brad Bradfield, PE	W5CGH	Systems Engineer
(ex WB0CGH)		Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377 SMIRK #4906
ARS #72 Austin QRP Club #e

Do You Yahoo!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 01 Apr 99 09:09:29 -0500
From: Chuck Adams <adams@ticnet.com>
To: Edward A Kwik jr <eakwikjr@hti.com>
Cc: qrp <qrp-1@lehigh.edu>
Subject: [37076] Re: Paddles [long]
Message-ID: <E10SiHp-0003vs-00@smtp.ticnet.com>

Ed et.al.,

The Bencher and the MFJ paddles are not the same.

First, let me reiterate from a previous posting. There are no patents on bugs or iambic paddles or any part thereof. This means that anyone anywhere may copy to their hearts content and/or manufacture a paddle of any kind. I got this info from the President on one of the companies. This is not legal advice on my part as there might just be a copyright issue as I note on the G4ZPY paddles which I will trade off in a New York minute if someone wants a pair. I may have a picture on the web and if not I'll put them up there in the next few days.

The MFJ paddle is manufactured overseas and I had one for a period of time but gave it to a new ham that needed it more than I did. It's not a bad little paddle but it was not manufactured to close tolerances that I like in a paddle. They may have changed over the years and the next time I'm at a place that has a new set I'll look. MFJ has been working on QC issues continuously and all of us have seen significant improvements in a lot of areas.

If money is not an issue and you have a choice ONLY between the two I'd recommend the Bencher. The MFJ paddle would be a good one for mobile and more harsh environments where you didn't care what happened to it if it were dropped or mistreated by the environment. I'm the type of individual that likes to have a paddle or equipment that is 20 years old still look like new and not like it was left out in the

rain all that time.

Now someone will try to rip me on this, but between the Bencher and the MFJ, set them side by side. Look at the alignment on the contact mechanisms. And then compare the same thing on something like the Kent. I like almost perfect alignment and clean angles clearly defined. It shows quality control and it shows close manufacturing tolerances. Those of you who are machinists know what it takes and in mass production you can get things to work if you take a lot of care up front. The pricing issues between paddles is determined by a lot of this.

For the money and on the low end, if you can find a NorCal paddle at the original price and one that was carefully built and taken care of that too would be an excellent deal.

The problem with paddles is like the problem with single band rigs. So many choices and sometimes the decision depends upon a series of questions that only the buyer can ask and answer. Research and ask questions and you'll get lots of information and probably more information than you wanted. :-) Then you have to make the decision and jump. Sometimes you make it and sometimes you don't. :-) Education is expensive.

There are gonna be some say that you shouldn't get either paddle. :-) Paddles are a matter of personal choice and lots of experience. I don't have a problem using a Bencher but then I'd adjust it differently than most and I don't bang on any paddle with much force and that goes a long way to making them stay in adjustment and not develop problems. The so called "fly away" problem on the earlier Benchers.... :-)

I'd recommend that everyone that is interested in starting or moving over to an Iambic Paddle for the first time do the following. It is the swapmeet season and many haven't been to one in years. Time to get out of the shack and see who's still alive and what's still being passed around at the flea market (I'm going to have to look that term up now that I've typed it. :-)) I've found some excellent deals on paddles since there are a lot of people out there that seriously believe that you and I are going to give up CW in the next 10 years. :-) They did.

And I'll put the refurb sequence back on the web page the next week as soon as I get all the files renamed. :-) Some of you that visited yesterday and today have/will find some files missing, but they are there. I'm working on it so be patient, please.

Research the web and back issues of magazines and QST if you have them and look at the original pricing. This is important. :-)
Try to find people that recently bought one used and find out what they paid. I can't really believe that there is a shortage of paddles out there that would be driving the prices upward. :-) Maybe on the rare ones but I wouldn't consider a Bencher or an MFJ a rare paddle. Not knocking them but just concerned on the pricing for used and banged up. I was even able to get from Bencher another label for the refurbed one that I did.

What would be interesting, if we could do it, is to find 10 people that have the same set of paddles. Let me pick some common ones.

Bencher, Kent, WBL, Envirotronic, and the Brass Racer from Vibroplex. NorCal paddle too, but remember it isn't available this week that I know of.

Then have each of the 10 people rank them and why they rank them in their particular order. Hey, if you have 5 or more Iambic Paddles and you wanna do this, sit down and write it up and post it. Write like you would a serious review and make up some issues that you are concerned about: spacing, weight, mag vs. spring tensioning, speeds that you can and do send at, how well the paddles stay in adjustment, esthetics, You make up the list and the rest of will follow. Also give pricing so the group will know and availability if you know that too. I haven't heard about Envirotronic lately and the phone number that I have has been disconnected. Doesn't mean anything yet.

Remember gang that for such a comparison it involves more experience and personal preferences than just about anything else in this hobby. Some people take their paddles seriously. So in order for this to work, no flame wars need break out and people calling people idiots because they like something that you don't.... :-)

The sending contest is still on for Pacificon if people are still interested and this year we'll do a better job of setting it up and there will be prizes. People enjoyed it. And I had one individual who was visually challenged and for anyone that can not read the text we'll have someone read a phrase at a time and have you send it. If Doug Hendricks wants us to do it again we can. We can do an unofficial receiving contest as I now have the way to do a CD with calibrated speeds. I love the technology..... :-)

I have gotten back email from the Pacificon group on the high speed run at 80wpm and the challenge to both of W7JWJ's \$1,000 prizes and both have been declined due to scheduling and/or health issues. So unless someone in CA can work with the ARRL and other groups to set

it up it won't be happening this year.

OK, sorry for the lengthy post to such a simple question Ed.
It was a good question and required a discussion of same with other thoughts.

Also one additional note. Homebrew - made at home. It would be interesting to see just how nice a paddle can be made with just simple tools and not use a lathe or NC machine. Say files, saw(s), drill press, and lots of time and labor of love to build a set of nice paddles. I know people have done it but how about a set of iambic paddles like the NorCal from scratch with parts from only Home Depot, a hobby store, or other common sources locally owned and operated? Put it in the same class as ugly construction of rigs. And not a simple design but not a complex one either. Just a good working set of nice iambic paddles built by hand. People have done this and just not written it up in detail and there are more ideas unpublished on this I know. Something else to think about while one is daydreaming.

Someone tell me about gold plating such as costs, where to maybe get it done locally, etc..... I have a need. :-) Jewelry stores?

FYI es cul

--

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Thu, 1 Apr 1999 10:18:35 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37077] Re: coax
Message-ID: <000c01be7c52\$ea712a40\$9001a8c0@mikey>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Well, the new Pentiums are up there, with primary clocks at 450Mhz

and higher.

But for those of you who may not be aware of it, look into PCI. The PCI bus doesn't terminate like a regular bus, it essentially USES the SWR of a reflected signal reflected back to trigger the gates. Essentially the driver only drives the line to about 1/2 of what's needed, then the reflected signal comes back down the line boosting the voltage to the correct level. Can you say high SWR?

It's called 'Reflected-Wave switching'. And specs are actually pretty tight. For example, at 33MHz propagation delay is specified as 10nsec, but MAY be increased to 11ns by lowering clock skew...

Think about it though. At 450Mhz, that's just about 2nsec per...

Low way from a 1.8Mhz TRS-80! Or even a PC where everything was sorta figured in blocks of 1usec.

Mike Yetzko
N1DVJ

>Absolutely right Jerry. Everything has distributed capacitance
>and inductance, including a straight wire. And if you look closely
>enough you can see the slight rounding of the corners on a
>square wave.

>

>Parenthetically, consider this. Those whiz-bang new 500 MHz
>pentium processors, (no I don't have one) wonder how much the
>system clock gets rounded off (waveform wize). Imagine we can
>now buy computers that can trash a UHF rig???? :-) How cool
>is that?

>

>73 de N8AUC

>Eric

>

>> -----

>> From: Jerry W. O'Dell[SMTP:jwodell@ameritech.net]

>> Sent: Friday, April 02, 1999 9:16 AM

>> To: E.Jessen@orion-consulting.com

>> Subject: Re: FW: coax

>>

>> At 09:01 AM 4/1/99 -0500, you wrote:

>> >Well, since a square wave is the sum of the fundamental

>> >frequency and (theoretically) all harmonics, if the cable

>>
>> Now, as I recall my theory, nothing will pass a square wave
>> without distortion, not even a straight wire. So I'd think
>> you'd have to take into account the amount of distortion, if
>> you were to take that approach.
>>
>> 73 jerry w8gnd, who uses rg58 on 440!

Date: Thu, 1 Apr 1999 09:19:08 -0600
From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-l@Lehigh.EDU
Subject: [37078] Knwd TS-570DG - reducing the pwr under 5 watts
Message-ID: <001135DC.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part
Content-Transfer-Encoding: 7bit

Hi Folks,

Has anybody figured out a way to reduce the power out
of the TS-570 series? The Power control will reduce the
output to 5 watts. Is there an internal switch or adjustment
to get it to less than 5?

Thanks for any help you can give.

73 de Dave, NR3E
QRP-L #25
nr Dallas, TX

Date: Thu, 1 Apr 1999 10:32:34 -0500
From: "OHR" <qrp@ohr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [37079] Misc Items F.S.
Message-ID: <011501be7c54\$ddfe9a20\$dcb48ecf@ohrqrp>

Hello,

The S&S PC1 counter and the Ten-Tec 2M amp are still available. All other

items have been sold. Thanks for the great reponse!

73,
Dick
OHR

Date: Thu, 01 Apr 1999 10:44:42 -0500
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>
To: qrp-l@lehigh.edu
Subject: [37080] Great DX!
Message-ID: <3703946A.5448@arrl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey, fellow QRPers,

The bands are REALLY wide open. I was running QRP in W1INF, the ARRL HQ club station, and worked:

1020 Z	21.060 MHz	F00L
1022 Z	21.060 MHz	RG8U
1023 Z	21.061 MHz	UR1LID
1024 Z	21.060 MHz	UF00L
1025 Z	21.062 MHz	G0TCH/A
1027 Z	21.060 MHz	6V6GT

I got 599 reports each way!

73,
Ed, W1RFI

Date: Thu, 1 Apr 1999 07:48:23 -0800 (PST)
From: Paul Erickson <paule@sfu.ca>
To: w1rfi@arrl.net
Cc: qrp-l@lehigh.edu (qrp)
Subject: [37081] Re: Great DX!
Message-ID: <199904011548.HAA11263@fraser.sfu.ca>
MIME-Version: 1.0

Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Excellent catches Ed. I got them too, but missed the
qsl info. Did you get it?

cheers, Paul VE7CQK/email: paule@sfu.ca

>
> Hey, fellow QRPers,
>
> The bands are REALLY wide open. I was running QRP in W1INF, the ARRL HQ
> club station, and worked:
>
> 1020 Z 21.060 MHz F00L
> 1022 Z 21.060 MHz RG8U
> 1023 Z 21.061 MHz UR1LID
> 1024 Z 21.060 MHz UF00L
> 1025 Z 21.062 MHz G0TCH/A
> 1027 Z 21.060 MHz 6V6GT
>
> I got 599 reports each way!
>
> 73,
> Ed, W1RFI
>
>

Date: Thu, 1 Apr 1999 11:36:53 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:w1rfi@arrl.net" <w1rfi@arrl.net>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group
<QRP-L@Lehigh.edu>
Subject: [37082] Great DX!
Message-ID: <199904011140_MC2-703C-32D5@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline
Content-Transfer-Encoding: 7bit

Ed and Gang:

Anyone help with the QSL routing for RG8U? Neither Buckmaster nor QRZ have
proven helpful :-).

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Thu, 1 Apr 1999 11:47:50 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: ki6ds@dpol.k12.ca.us
Cc: qrp-1@lehigh.edu
Subject: [37083] NorCal Resistor Kits
Message-ID: <v03102801b3295313b985@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Just received my resistor kit and all I can say is "Well Done". Great idea for the kit and another great idea from Doug on using a card file to store them.

These Norcal guys are geniuses, or is it geniuii?

72/73,

Rick kf4ar

Date: Thu, 1 Apr 1999 10:44:51 -0600
From: Karl.Kanalz@optelinc.com
To: 70511.3041@compuserve.com
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37084] Re: Great DX!
Message-ID: <86256746.005C5111.00@hdqsmtp01.optelinc.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Check QRZ and Buckmaster again, Doc.

You'll find a listing for his QSL manager, 5U4GBT

Karl K - W8TIF
McKinney, Texas

"Wilford D. Lindsey" <70511.3041@compuserve.com> on 04/01/99 10:36:53 AM

Please respond to 70511.3041@compuserve.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
cc: (bcc: Karl Kanalz/hdq/Optel)

Subject: Great DX!

Ed and Gang:

Anyone help with the QSL routing for RG8U? Neither Buckmaster nor QRZ have proven helpful :-).

72,

--Doc Lindsey/K0EVZ
DSBF
PO BOX 7187
Bismarck, ND 58507
70511.3041@compuserve.com

Date: Thu, 1 Apr 1999 08:50:28 -0800
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37085] Re: Great DX!
Message-ID: <0e1101be7c5f\$c1b75ef0\$140a0a0a@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Try the Belden callbook, 4/1/99 edition.

Mike K1MG

>Anyone help with the QSL routing for RG8U? Neither Buckmaster nor
>QRZ have
>proven helpful :-).
>
>72,
>--Doc Lindsey/K0EVZ

Date: Thu, 1 Apr 1999 12:05:08 -0500
From: "Ed Tanton" <n4xy@mindspring.com>
To: <70511.3041@compuserve.com>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [37086] RE: Great DX!
Message-ID: <000801be7c61\$cbaff190\$01010101@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Same guy that handles 5U4GB & 6V6GT Doc!

72 / 73 Ed N4XY email: <n4xy@mindspring.com>

Date: Thu, 1 Apr 99 11:58:26 EST
From: jeverhar@cse.l-3com.com
To: qrp-l@lehigh.edu
Subject: [37087] Re: Great DX!
Message-ID: <9904011658.AA00821@train11.cse.l-3com.com>

Guys about those "funny" callsigns...

If memory serves me correctly, there really *was* a dxpedition in Africa in
the 60's who used (legally) the callsign 5Y3GT. I worked 'em with a 20 watt
40 meter QRP cw rig (according to the ARCI rules back then) which actually used
that rectifier tube in its power supply!

Anybody else remember when Gus Browning W4BPD used to do that kinda stuff?

Oh Lord, I smell another thread coming...

72/73,

Joe E., N2CX

Date: Thu, 01 Apr 1999 09:10:51 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: Bruce2@prodigy.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37088] Re: Does anyone remember this antenna
Message-ID: <3703A89B.1E2E6F9@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bruce wrote:

>
> Well the way to make a Marconi antenna less dependent
> on ground resistance is to raise the antenna feed point resistance. It would
> appear to me that what Mosley did was make the antenna out of two closely
> spaced 1/4 wave wires by using 450 ohm open wire. By twisting the pair
> together at the top end they became connected in parallel. Thus the antenna
> current was divided between the wires when one of the wires is fed and the
> other is grounded at the feed point.

Yes, this does increase the radiation resistance of the antenna portion, but unfortunately it also multiplies the ground resistance by the same factor. So the overall efficiency is the same.

Don't feel bad, an antenna authority as great as Bill Orr made the same mistake!

73,
Vic, K2VCO
Fresno CA

Date: Thu, 01 Apr 1999 12:12:11 -0500
From: Scott Howell <showell@hq.nasa.gov>
To: qrp-1@lehigh.edu, cw@qth.net, larc-1@webtrek.com
Subject: [37089] "

Message-ID: <3.0.5.32.19990401121211.007d74c0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

thought you all would find this of interest.

73 de Scott/n3byy
Laurel MD

>Cc: recipient list not shown: ;
>Subject: ARLB023 FCC says reciprocal permits now "paperless"
>Organization: American Radio Relay League
>Date: Thu, 01 Apr 1999 10:37:45 EST
>From: "ARRL Members Only Web site" <memberlist@p1k.arrl.org>
>
>SB QST @ ARL \$ARLB023
>ARLB023 FCC says reciprocal permits now "paperless"
>
>ZCZC AG23
>QST de W1AW
>ARRL Bulletin 23 ARLB023
>>From ARRL Headquarters
>Newington CT April 1, 1999
>To all radio amateurs
>
>SB QST ARL ARLB023
>ARLB023 FCC says reciprocal permits now ''paperless''
>
>The FCC is advising applicants for reciprocal operating permits that
>an application is no longer required. Under new ULS rules that took
>effect February 12, the FCC Form 610A has passed into history. The
>new rules also will pave the way for US hams to more easily operate
>in most of Europe. The FCC is expected to issue a Public Notice in
>the near future that will spell out the details.
>
>Alien visitors to the US holding an amateur license issued by their
>home country may operate in the US without submitting any FCC
>paperwork--provided that a reciprocal operating agreement is in
>effect between the two countries. The only documentation required is
>proof of citizenship and an Amateur Radio license issued by the
>country of citizenship. These arrangements are similar to
>longstanding arrangements between the US and Canada.
>
>The new rules move the US a step closer to participation in the
>licensing arrangements of CEPT, the European Conference of Postal
>and Telecommunications Administrations. The US State Department
>applied for US participation in 1997, and the request was approved

>in early 1998. Completion of the final steps to make this a reality
>is understood to be imminent. These include formal US notification
>to the European Radiocommunications Office that it is prepared to
>carry out its responsibilities under CEPT Recommendation T/R 61-01,
>and the issuance of a Public Notice in English, French and German.

>

>Under the CEPT arrangements, a US Technician licensee will be
>recognized as holding the equivalent of a CEPT Class 2 (VHF-only)
>license. Holders of Tech Plus through Extra tickets will have the
>full HF and VHF privileges of a CEPT Class 1 license. Novice
>licensees will not be eligible.

>

>Additionally, the ARRL has informed the US State Department that it
>plans to go forward in April with arrangements to issue
>International Amateur Radio Permits to US hams in accordance with
>the CITEL Amateur Convention, signed by several countries in the
>Americas. The League has offered its services to issue IARPs to US
>hams. An IARP is not a license, but it certifies the existence of a
>license.

>

>The new rules will not change the procedures for US hams wishing to
>operate overseas in countries that are not CEPT members or CITEL
>Amateur Convention signatories.

>NNNN

>/EX

>

>

>

Date: Thu, 01 Apr 1999 12:20:39 -0500

From: "Kenneth W. Evans" <w4du@bellsouth.net>

To: QRP List <qrp-l@Lehigh.EDU>, Bob Gobrick <rgobrick@att.net>, Buck
<n8cqa@tir.com>, C Bailey <kt3a@juno.com>, C Hartford <CamQRP@cyberg8t.com>,
Chris Trask <ctrask@primenet.com>, D Gingell <k3tks@abs.net>, Dave Johnson
<wa4nid@amsat.org>, Hank Kohl <k8dd@tir.com>, Larry East <w1hue@amsat.org>,

Subject: [37090] FDIM Feedback needed

Message-ID: <3703AAE7.E8DE7580@bellsouth.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=iso-8859-1

Content-Transfer-Encoding: 8bit

Content-Transfer-Encoding: 8bit

Gang,

I hope you all looking forward to FDIM. If you haven t registered for
the Thursday Seminar or the banquet, there is still time. Please check

out the info on the QRP ARCI web site at:
<http://www.qrparci.org>.

We have made the Days Inn South our QRP headquarters at Dayton for a number of years. With that location have come some problems regarding air conditioning and last year a hot water failure. We have been looking for a new location for a while. Dan Puckett, WD8AAAU (who lives near Dayton) greatly assisted us with a facility search. He has found a few hotels that have openings in 2000. So, we have an opportunity to change facilities starting in 2000. First let me explain a bit about the Dayton hotel situation.

About 30,000 hams go to the Hamvention each year. This more than fills the available hotels. One guy actually stayed at a hotel in Indiana. The old supply and demand rule takes over and ALL hotels at Dayton raise their rates for the hamfest weekend. For example, Days Inn South normally charges \$39.00/nite. For the Hamfest that goes to \$72.00/nite. Other hotels raise their rates as well. This is different from other hamfests around the country. In those cases the hotels are normally empty on weekends and are willing to lower their rates to help increase revenue. In Atlanta they typically drop their \$120/nite rate to \$65 to \$75 for weekend conventions.

Now that you understand Dayton hotel rate situation, here is the opportunity. There is a newly renovated hotel that will accommodate us in 2000. We would have the usual common QRP location meaning all seminars will be held there as well as the banquet and hospitality rooms. They would set aside about 100 sleeping rooms as well. BUT, the room rate would be \$112.00/nite for the hamfest (their normal rate is \$75.00/nite). In addition, they would charge \$600.00/ day for a ballroom facility for the seminar and the banquet (Days Inn charges \$200/ day for these); and \$200/room/day for hospitality sweets (Days Inn charges \$75.00/day). So in addition to each individual paying more per room, QRP ARCI would have to pay considerably more for the conference facilities. This is the next best price to Days Inn South. All others that meet our requirements (Ballroom, conference rooms, sleeping rooms all at one location) are more expensive.

The officers asked me to post these details and get some feedback. So, what are you thoughts? Should we stay with Days Inn (who have promised some renovation), or move to a newer but much higher priced facility?

Realizing that my mailbox is about to explode, please keep your feedback as short and direct as possible. Also, for now we are only interested in the scenario of having a common location for everything. We know that you can find a cheaper room than the current Days Inn, but those hotels usually do not have the conference facilities required. So anyone can stay at one of the hotels and attend FDIIM. We are looking

for feedback on the common facility scenario.

72/3,
Ken
W4DU

Date: Thu, 01 Apr 1999 09:22:10 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: w1rfi@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37091] Re: Great DX!
Message-ID: <3703AB42.D1E3A6D8@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed Hare, W1RFI wrote:

>
> The bands are REALLY wide open. I was running QRP in W1INF, the ARRL HQ
> club station, and worked:
>
> 1027 Z 21.060 MHz 6V6GT

However, I recall that there was a *real* DX station on years ago with the call
5U4GB!

73,
Vic, K2VCO
Fresno CA

Date: Thu, 1 Apr 1999 12:35:22 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.edu>
Subject: [37092] Re: NorCal Resistor Kits
Message-ID: <00b401be7c66\$06bcd6a0\$d205b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

When I get my new NorCal kit, I'm going to "resist" the temptation to build it in one night.

Four munces ago, Doug cudn't spel geenyus, but now he are one !

73,

Dick K2REB

-----Original Message-----

From: Richard E. Robinson <rerobins@email.uncc.edu>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Date: Thursday, April 01, 1999 11:52 AM

Subject: NorCal Resistor Kits

>Just received my resistor kit and all I can say is "Well Done". Great idea
>for the kit and another great idea from Doug on using a card file to store
>them.

>

>These Norcal guys are geniuses, or is it geniuii?

>

>72/73,

>

>Rick kf4ar

>

>

Date: Thu, 1 Apr 1999 12:49:33 -0500

From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>

To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>

Subject: [37093] FW: Great DX!

Message-ID: <1C7185682F54D2119C7200104B2EE1F6083B27@MAILMAN>

MIME-Version: 1.0

Content-Type: text/plain

That was before my time. Although my first homebrew transmitter used a 5Y3GT as the rectifier in the power supply, a 5763 pentode as the oscillator, and a 6L6 final.

And as for RG8U, isn't that one of the new Russian "Extra Class" calls????? ;-)

73 de N8AUC

Eric

> -----
> From: jeverhar@cse.l-3com.com[SMTP:jeverhar@cse.l-3com.com]
> Reply To: jeverhar@cse.l-3com.com
> Sent: Thursday, April 01, 1999 11:58 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Great DX!
>
> Guys about those "funny" callsigns...
>
> If memory serves me correctly, there really **was** a dxpedition in
> Africa in
> the 60's who used (legally) the callsign 5Y3GT. I worked 'em with a
> 20 watt
> 40 meter QRP cw rig (according to the ARCI rules back then) which
> actually used
> that rectifier tube in its power supply!
>
> Anybody else remember when Gus Browning W4BPD used to do that kinda
> stuff?
>
> Oh Lord, I smell another thread coming...
>
>
> 72/73,
>
> Joe E., N2CX
>

Date: Thu, 01 Apr 1999 13:23:33 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "qrp-canada@lists.gpfn.sk.ca" <qrp-canada@lists.gpfn.sk.ca>, qrp-l <qrp-l@Lehigh.EDU>
Subject: [37094] Spring Bouquet....
Message-ID: <3703B9A4.5F2BC4D2@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I will be operating on or near 21.060mhz from 19:00-19:45 z.....On
April1 1999.....So listen up,the band is quite,but as everyone
knows,strange things happen.....
73 fred VE3FAL
Thunder Bay,Ontario
You can do so much with so little.....
I will be calling CQ SB.....

Date: Thu, 1 Apr 1999 13:34:03 -0500
From: John Harper AA5YX/2 <aa5yx@juno.com>
To: qrp-1@lehigh.edu
Subject: [37095] About to hit the Trail (2-4 April)
Message-ID: <19990401.133404.11454.0.aa5yx@juno.com>

Tomorrow (Apr 2) I will begin a 3-day hike of a 30 mile section of the Apalachian Trail on the NJ/PA border. I plan to be on 7040 on Friday & Saturday afternoon/evening and Saturday & Sunday morning. I'll be using a Norcal 40a/KC1, ZM-2 tuner, 10 C-cells, a Whiterook key, and random wire antenna from the nearest tree.

The purpose of the QRP gear is to find out how long the batteries will last under my operating conditions and to learn more about operating "on the trail" to be better prepared for a longer hike (100 Mile Wilderness Trail) in Maine at the end of the summer.

If you hear me, give me a call! I hope to post photos of the trip on my page when I return. 73,

John Harper AA5YX/2 ex: KA5BBL, KI50W, VQ9BL
HW-9, OHR-100A/20m, Norcal 40A, SST/30m, Norcal 20
YashicaMat 124G Info: <http://home.att.net/~j..harper>

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Thu, 1 Apr 1999 13:49:25 -0500 (EST)
From: Laura Denise Halliday <lha@sdr.utias.utoronto.ca>
To: qrp-1@lehigh.edu
Subject: [37096] A couple of things
Message-ID: <Pine.SOL.3.92.990401133629.29741A-100000@madrox>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First: a new prefix in Canada. Effective today, 1 April 1999, we have a new territory called Nunavut, formerly the eastern part of the Northwest Territories. The capital is Iqaluit. The prefix for ham calls there is VY0. This is the first

change to the map of Canada since Newfoundland joined Confederation in 1949.

Second: this week's GB2RS news bulletin (RSGB) reports the first amateur digital HF voice contact. It was between G4JNT and G4GU0, using a newly-developed 2400 bps voice codec chip, along with a multi-tone modulation that used 24 tones spaced 75 Hz apart. The total bandwidth was around 2 kHz, less than SSB.

(Multi-tone systems can be handy, since they can adaptively select which tones out of a larger pool to use, due to interference, fading, and so on. Modulation and demodulation use very similar processes - apply bits to an inverse discrete Fourier transform, get tones out. Apply tones to a DFT, get bits back.)

The report mentions that the usual RS(T) system breaks down with such contacts, since the R figure can only be 0 or 5...

Laura Halliday VA3LDH "Que les nuages soient notre
Grid: FN03gs pied a terre..."
 - Hospital/Shafte

Date: Thu, 01 Apr 1999 16:39:14 -0800
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [37097] Summer 10M Foxhunt - Rules Repost
Message-ID: <199904011902.NAA23608@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:

Chuck said to go ahead and repost the rules....Here they are:
Remember that Chuck's email and web address have changed...
He is now:

Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

All questions and comments to him...

Larry KA5T

----- 10M FOXHUNT Rules Repost -----

Gang,

QRP-L FOXHUNT on 10 Meters

Purpose of said foxhunt to get the movement to 10 meters started with the rise in Solar Flux and get the rigs out of the closet that have been there over 6 years now. :-) Everybody on QRP-L is a fox for this one.

OK, 10M FOXHUNT started 0001UTC May 9th, 1998 and runs until 2359UTC August 31st, 1999. Said FOXHUNT to run 24hrs per day and points limited to QSOs and contacts with other QRP-L members on Ten Meters, 28.000MHz to 29.700MHz. This gives the N/T+ group an opportunity to get into the fray also. Two prizes to be awarded by me, one March Iambic Paddle (see the web page at [http address in my signature](http://www.qrp-l.com)) and one Uniden 2510 (used but in extra fine condition) with manuals. The paddle for the winner of the SSB scores and the Uniden for the CW scores. :-) Joking. The other way around please. :-) ;-) Oh, the Uniden with microphone included. Both prizes valued around \$150 each. Other prizes to become available and will be announced as soon as contributors firm up their commitment(s) and arrangements made for same.

So here are some simple rules and hopefully we won't get into flame wars and threads over this. :-) I thought of this, so discussion and beating topic to death won't help much. :-)

RULES VERSION 1.100 Dated June 9, 1998
(subject to mods and overrides any previous postings)

1. Two classes, CW or SSB. Individual may officially enter one, but not the other. No hogs allowed, please. :-)
But you can give away points in the other class. You must send email to K5F0 by September 1, 1998 if you are making contacts for CW and SSB noting which class you are officially entering for your score. This will prevent decisions based on score being made at the last minute. :-) Failure to do this will result in loss of entire score. Sorry, but that's the rule.

2. One point per contact with QRP-L member one time per individual.
This means if you work K5FJZ twice you only get to count him once.
Novice/Tech contacts count as 3 each for SSB and 5 each for CW.
I'll post calls and names later. We'll come up with prizes for the N/T+. Contributions appreciated. Novice/Tech+ operators send me email if you are doing this so that I can post a list of who to look for.
3. QRP power levels only. 5W CW and 10W PEP SSB. Here we rely on the honesty of the individuals. We'll use QRP ARCI power level definitions.
4. Exchange Call, Name, QTH, Signal Reports, QRP-L# and power levels.
4. Electronic logs only for submission to K5FO via the email to adams@sgi.com
Deadline 21 days after the ending date. Format to be in form of and sorted by QRP-L number

QRPL DATE TIME CALL UR_PWR HIS_PWR Name QTH Distance(KM)

1	980701	0255	K5FO	0.333	0.950	Chuck	TX	1,156
17	980602	0701	KU7Y	0.333	0.050	Ron	NV	801
23	980921	0003	WA8MCQ	0.956	4.908	Mike	MD	1,577
73	980808	0808	K5OI	0.333	3.000	Timmy	NM	1,233

DATE in form YYMMDD and TIME in UTC.

You only have to get the QRP-L# and callsign and state to validate the contact. We're not trying to beat the issue to death on just what data constitutes a valid exchange. It varies dependent upon contest, etc. If you have already worked a number of stations before this posting without getting the power levels, don't worry about it.

5. No prearranged schedules or announced plans to be on the air to be posted to QRP-L or in private email. Catch as catch can.
All contacts to be made from the same QTH or within 50 mile radius.
Prevents those that travel to swapmeets, Dayton, etc. from picking up an easy score. :-) ;-)

- * No postings to QRP-L with band openings, I'll be on..., etc.
- * These will result in disqualification. This is a get on the air and do it contest without the use of the internet as an aid.
- * If the group wants, I can take emails once a month and post the standings say the first day of the month starting July 1, 1998.
- * So email to adams@sgi.com the day before to get in the posting(s).
- * See tenten mailing reflector for band openings. :-)

6. Sorry, but this is a 10 meter foxhunt, no WARC or other band scores

count.

7. Do not repost this to QRP-L or another group, please. We've seen it. :-)

Some misc. notes:

- a. Suggestion that we all move slightly away from QRP calling freqs. Say
28.030-28.050MHz CW (move the free-banders and taxi drivers out)
28.130-28.150MHz CW N/T+
28.330-28.350MHz SSB N/T+
28.330-28.350MHz SSB G/A/E (now someone let me know direct if we are
pushing some DX/RTTY/Digital/beacon freqs/nets/...)
- b. Expect good participation mornings and evenings with mobile stations QRP.
- c. With Solar Flux on the rise, maybe more openings, so this is a test to
see the correlation.
- d. QRP-L number obtained using email to LISTSERV@LEHIGH.EDU and in body put
RUN QRP-L X GETNR your_call
- e. For those new to QRP-L a foxhunt here doesn't mean the usual foxhunt
term as used in VHF work. This is a work a fellow member of the group
activity and not hide and seek.

FYI and good luck

Chuck Adams K5FO Dallas,TX CP-60

Date: Thu, 01 Apr 1999 13:09:38 -0800
From: "Jerry Bartachek" <jbartac@max.state.ia.us>
To: qrp-l@Lehigh.EDU
Subject: [37098] Re: Great DX!
Message-ID: <3703E092.5BE8@max.state.ia.us>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I thought I saw the routing for RG8U in a DX Newsletter that just came
out today:

c/o Clark Cable NT2GUD
52 coax Lane, Suite 2 dB
Beldon, CA 99130-8237

72,

_ _ _ _ / _ _
| / / | \ | / | \
| \ | | / | | |
| \ \ | _ / | _ |
 /

Jerry L. Bartachek <><
Washington, IA
IA QRP #10
QRP ARCI #5166

Date: Thu, 1 Apr 1999 12:14:47 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu, cqclist@mtechnologies.com
Subject: [37099] CQC Swap List
Message-ID: <199904011914.MAA27356@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

The CQC Swap List has been updated-- if you don't get it by e-mail check it out on the web at <http://www.cqc.org/swaplist.txt>

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
(303)752-3382
--

Date: Thu, 01 Apr 1999 12:12:39 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: 70511.3041@compuserve.com
Cc: qrp-l@lehigh.edu
Subject: [37100] Re: Great DX!
Message-ID: <199904011917.MAA01763@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

At 11:36 AM 4/1/99 -0500, you wrote:=20

>

> Ed and Gang:

>

> Anyone help with the QSL routing for RG8U?=A0 Neither Buckmaster nor QRZ= have

> proven helpful :-).

Usually out the window, or a feedthrough.

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Thu, 1 Apr 1999 14:16:59 -0500 (EST)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, towertalk@contesting.com, antennas@qth.net, antennaware@contesting.com

Subject: [37101] Quad Model Study, Part 7

Message-ID: <Pine.GS0.4.10.9904011411060.27417-1000000@larry.cas.utk.edu>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

For those who have shown interest in the notes I placed at the site on models of quads in my collection, I have added a 7th part on modeling the use of 1/4 w1 stubs as part of a remote switching system. Some of the feedback suggested some potential problems, so I did some modeling to see if it would shed any light on the matter. It did, so I added a new section. My thanks to all those who have given me feedback on the first 6 sections. The main index for the quad collection is in the same place in the modeling subsection of the index.

I have also added a couple of miscellaneous items, including notes on the wire version of the expanded lazy-H (to go with the item on the aluminum version). New items have tomorrow's date so they will not be confused with April Fool's Day jokes.

I hope the notes are useful.

-73-

LB, W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) (423) 974-7215
1434 High Mesa Drive / \/ \/ ----/\--- (Hm) (423) 938-6335
Knoxville, Tennessee /\ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ || cebik@utk.edu
 URL: http://web.utk.edu/~cebik/radio.html

Date: Thu, 01 Apr 1999 12:26:03 -0700
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: lha@sdr.utias.utoronto.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37102] Re: A couple of things
Message-ID: <3703C84B.CA19932E@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Laura

Thanks for the info. Anything that will conserve bandwidth is interesting and promising. You can find out more about this transmission mode at www.chbrain.dircon.co.uk/, G4GU0's website. Check it out!

Thanks again,

Bruce kk7zz

Laura Denise Halliday wrote:

> First: a new prefix in Canada. Effective today, 1 April 1999,
> we have a new territory called Nunavut, formerly the eastern
> part of the Northwest Territories. The capital is Iqaluit.
> The prefix for ham calls there is VY0. This is the first
> change to the map of Canada since Newfoundland joined
> Confederation in 1949.
>
> Second: this week's GB2RS news bulletin (RSGB) reports
> the first amateur digital HF voice contact. It was between
> G4JNT and G4GU0, using a newly-developed 2400 bps voice
> codec chip, along with a multi-tone modulation that used
> 24 tones spaced 75 Hz apart. The total bandwidth was around
> 2 kHz, less than SSB.

>
> (Multi-tone systems can be handy, since they can adaptively
> select which tones out of a larger pool to use, due to
> interference, fading, and so on. Modulation and demodulation
> use very similar processes - apply bits to an inverse discrete
> Fourier transform, get tones out. Apply tones to a DFT, get
> bits back.)
>
> The report mentions that the usual RS(T) system breaks down
> with such contacts, since the R figure can only be 0 or 5...
>
> Laura Halliday VA3LDH "Que les nuages soient notre
> Grid: FN03gs pied a terre..."
> - Hospital/Shafte

Date: Thu, 01 Apr 1999 14:32:12 -0800
From: "D. Hammond" <wdp@kconline.com>
To: tedbeach@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37103] Re: cw offset[?]
Message-ID: <3703F3EC.4D4281A7@kconline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I am amazed with all this discussion about zero beating.
Didn't think anybody ever did that anymore. most places on the band if
you actually zero beat with the other station, you can QSO in between
another QSO without QRM hi. I wish more ops knew this this zero-beat
thing.

Ted Beach wrote:

>
> With a decent superhet, you will hear only one cw signal as you tune
> across a station. Its apparent pitch change depends on the bfo
> placement [above or below the i-f]. DX70 and IC706 let you choose
> which to use to reduce/eliminate interference.
>
> With my NE4040 I added a tx spotting switch [described in QRP
> Quarterly]. This turns on the tx mixer alone so you can hear the pitch
> of your own signal. You should adjust vfo tuning so your own sidetone
> pitch is EXACTLY THE SAME AS THE RECEIVED SIGNAL's PITCH. You are then

> tuned to exactly the same frequency as the ststion you're listening
> to. In the NE4040 [and the SW40+ I believe] the bfo is HIIGHER in
> frequency than the i-f, but it really does not matter.

>

> K4MKX

> ==

> Ted Beach

>

> -----
> DO YOU YAHOO!?

> Get your free @yahoo.com address at <http://mail.yahoo.com>

NOTE: Any typos in this message are deliberate. I copy too much CW to
spell much...

--

Dwight Hammond, Radio WC5W, Macy, IN.

<http://www.qsl.net/wc5w/>

QRP-L#1825 CQC#583 QRP-ARCI#9887 AK/QRP#466

Date: Thu, 01 Apr 1999 14:37:08 -0500

From: Sonny Haumesser <sphaumesser@netzero.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [37104] On the Air!!!

Message-ID: <3703CAE4.BB9C8ED9@netzero.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hey Gang,

I finished that SW30+ (my wife bought be for Valentines Day) yesterday
and worked N1RW in New London County CT. this afternoon. He gave me a
569 report and said there was no chirp or drift in my new rig. HOT
DOG!!!

What a thrill to operate QRP. But making contacts with a rig you build
is Heavenly!! (Well almost - SORRY Father!)

Had a lot of fun building it. What a great little rig. Had no problems
with it. Now for the fun of operating it. What's next? A 2n2/40 maybe?

Sonny, KE9IX <><

Terre Haute, IN

QRP-L #1696

NetZero - We believe in a FREE Internet. Shouldn't you?
Get your FREE Internet Access and Email at
<http://www.netzero.net/download.html>

Date: Thu, 01 Apr 99 14:29:39 -0500
From: Chuck Adams <adams@ticnet.com>
To: KA5T Larry Wise <lewise@inetport.com>
Cc: qrp <qrp-1@lehigh.edu>
Subject: [37105] Re: Summer 10M Foxhunt - Rules Repost
Message-ID: <E10SnHh-0005VC-00@smtp.ticnet.com>

Thanks to Larry for reposting.

One slight mod, if you are going to do this send me
email giving me your call and which class you are
going to run. The Sept deadline already passed and
is hereby reopened for the masses.

Last time I polled last year I had about 5 people still
going. :-)

Prizes are real and still up for grabs.

dit dit

--
Chuck Adams K5FO adams@ticnet.com CP-60
<http://www.ticnet.com/k5fo>

Date: Thu, 1 Apr 1999 12:17:10 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <w1rfi@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [37106] Re: Great DX!
Message-ID: <006801be7c7e\$19987d20\$13424cd1@k6qq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gee, Ed, you missed one: IM4U

72,

John, K6QQ

>Hey, fellow QRPers,

>

>The bands are REALLY wide open. I was running QRP in
W1INF, the ARRL HQ

>club station, and worked:

>

>1020 Z 21.060 MHz F00L

>1022 Z 21.060 MHz RG8U

>1023 Z 21.061 MHz UR1LID

>1024 Z 21.060 MHz UF00L

>1025 Z 21.062 MHz G0TCH/A

>1027 Z 21.060 MHz 6V6GT

>

>I got 599 reports each way!

>

>73,

>Ed, W1RFI

>

Date: Thu, 1 Apr 1999 15:41:10 -0500

From: "Ken & Linda Burrough" <ne0c@1st.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [37107] Re: Great DX!

Message-ID: <003e01be7c80\$254e5020\$6507f0d1@ne0c.1st.net>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Content-Transfer-Encoding: quoted-printable

This is 1 April 1999, isn't it?

Ken/ne0c

USAF Retired

Flushing, Ohio

ne0c@1st.net

Date: Thu, 1 Apr 1999 16:17:07 -0500
From: "David A. Beach" <dbeach@cancom.net>
To: qrp-l@Lehigh.EDU
Subject: [37108] NEED: Micro 20 Rec. Schematic by K1BQT
Message-ID: <103020900b329908e2f55@[209.205.47.241]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have a Radiokit (for those of you who remember...) version of K1BQT's "Micro 20 Receiver." It needs some repair work and I don't have the schematic diagram. Radiokit is long gone but I believe that the info supplied with the kit was a photocopy of an article from Ham Radio Magazine (also gone!) in the mid-1980s.

So, anybody with a pile of old Ham Radio mags willing to do me a favour and take a look to see if you can find the article? I would really appreciate a copy.

(By the way, it appears to be a nice little 'classic superhet' design with a couple 602's, a 1350 IF with audio AGC, crystal ladder filter and 386 for audio if you are interested in building a little receiver.)

Thanks.

David Beach
VE3STI

Date: Thu, 01 Apr 1999 21:35:41 -0800
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>, "dbeach@cancom.net" <dbeach@cancom.net>
Subject: [37109] Re: NEED: Micro 20 Rec. Schematic by K1BQT
Message-ID: <199904012136.PAA05074@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

David:

That article appeared in 73 mag for Feb 88 page 28...

It's a three page article with schemo, parts list,
negative of the PCB layout and construction and mod
info....Also has a couple of errors in the parts list..

Hope this helps,

Larry KA5T

Date: Thu, 1 Apr 1999 16:45:00 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: "Kenneth W. Evans" <w4du@bellsouth.net>
Cc: QRP List <qrp-l@Lehigh.EDU>, Bob Gobrick <rgobrick@att.net>, Buck
<n8cqa@tir.com>, C Bailey <kt3a@juno.com>, C Hartford <CamQRP@cyberg8t.com>,
Chris Trask <ctrask@primenet.com>, Dave Johnson <wa4nid@amsat.org>, Hank Kohl
<k8dd@tir.com>, Larry East <w1hue@amsat.org>, Mike C <wa8mcq@erols.com>,
Subject: [37110] Re: FDIM Feedback needed
Message-ID: <Pine.BSI.3.96.990401164133.15760B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would favor staying where we are at Days Inn South and hoping that the
facility will improve. As has been said before, there are other nearby
places to stay which are less expensive. In fact a thought might be for
some one to check into reserving a larger block of rooms at the other
place. Scott, ex NF3I always had a block of rooms at one of the other less
expensive places nearby. It was actually close enuff to walk over to Days
Inn South and join all of the regular scheduled activities.

Just a thought..

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Thu, 1 Apr 1999 15:53:49 -0600
From: "Tom Moll" <tomm@xata.com>
To: <qrp-1@lehigh.edu>
Subject: [37111] Searchable Callbook
Message-ID: <002401be7c8a\$20994800\$4baa7acf@tomm.XATA-CORP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is there a source of the US Callbook in electronic form that
is in a standard database format that you can run multivariate
SQL queries against,
(e.g. SELECT * FROM datatable WHERE state = "NN" AND etc etc),
or comes with such a utility?
Tom Moll N0BS

Date: Thu, 01 Apr 1999 14:27:43 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [37112] Paddles Again
Message-ID: <3703C8AF.E6498762@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Several responses including Chuck's mentioned Kent. I did a quick
search and visited several ham resource sites but could not find
anything on Kent paddles. I know I have seen them on the web
somewhere. Anybody got a URLs for companies that sell Kents?
TIA
Ed Kwik AB8DF

Date: Thu, 01 Apr 1999 16:39:28 -0600
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37113] Sale:Sierra
Message-ID: <3703F5A0.CCDD603C@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I'm home with the crud and don't feel like doing much except cleaning up the house a little. I am in one of my moods sell off some of my keys, rigs, ect, that I don't use as much or not at all.

I going to start with the Sierra. It has a KC-2 and eight band modules. The 160m, 80m, and 17m modules are not built. The modules that I have built are 40m, 30m, 20, 15m, and 10m. The 10 and 15m modules could use a little tweaking on transmit. Got them to work ok but, are super sensitive to a good load. The rig is in good shape and has no mods. Power output is about 2 watts plus or minus a little depending on the band.

I will ship for \$350. Money order or cashiers check preferred. Thanks for the bandwidth.

73 de w5jay..

Jay Bromley
501-648-9138
501-651-7012

Date: Thu, 01 Apr 1999 16:14:14 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [37114] Re: Paddles Again
Message-ID: <37039B56.92E6E184@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Alpha Delta Communications bought the rights to Kent paddles. I spoke to them about two weeks ago about parts, and confirmed this. HRO carries the paddles.

--

72/73, de Roger, N7KT - QRP-L #62 - Zombie #006 - Mesa, AZ

Date: 1 Apr 99 18:08:00 EST
From: Roy Lincoln <wa4dou@usa.net>
To: qrp-l@lehigh.edu
Subject: [37115] Coaxial Traps
Message-ID: <19990401230801.8051.qmail@www0r.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi Gang,

How many of you have ever made your own traps? Recently, i came across =
an
article in an older magazine, once again, reminding me of these things.I =
only
have a 20-15-10 meter trap vertical up at the moment, and had a bunch of
radials under it but they were of too small guage wire. A few weeks ago, =
i
lost most of the radials in a big wind/rain storm. Wasn't real keen on ha=
ving
so many radials up in the air anyway(12 of them, 4 for each band) so i de=
cided
to make some traps and try them out in radials under the vertical. They'r=
e
wound on pvc pipe with RG-174 and tuned using a g.d.o.(MFJ-259). Then sp=
rayed
with "tooldip" to hold the turns in place and then dipped once or twice i=
n
"tooldip." Tune the radials as a dipole or inverted vee(in pairs) to the
appropriate spot in the bands and "voila", you have "tuned radials." Thes=
e
things work well and the "tooldip" does a good job of weatherproofing the=
m.

Yes, it is a lot of work but its worth it to have only 4 radials under =
your
vertical and have them work on 3 bands(or more if that suits you).Theres =
lots
of other possible uses of "traps" too. The moral of the story is that the=
y
work and are inexpensive to make, even if somewhat time consuming.

Have fun es 73 Roy WA4DOU (Wilson area, N.C.)

Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>
1

Date: Thu, 1 Apr 1999 15:36:42 -0800 (PST)
From: Ted Beach <tedbeach@yahoo.com>
To: "D. Hammond" <wdp@kconline.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [37116] Re: cw offset[?]
Message-ID: <19990401233642.24703.rocketmail@web604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "D. Hammond" <wdp@kconline.com> wrote:
> I am amazed with all this disscusion about zero
> beating.
> Didn't think anybody ever did that anymore. most
> places on the band if
> you actually zero beat with the other station, you
> can QSO in between
> another QSO without QRM hi. I wish more ops knew
this
> this zero-beat
> thing.
>
> Ted Beach wrote:

<snip>

> > pitch is EXACTLY THE SAME AS THE RECEIVED SIGNAL's
> PITCH. You are then
> > tuned to exactly the same frequency as the ststion
> you're listening
> > to.
<snip>

If this is what you are referring to, it is NOT zero beat! Like if the pitch is 700 Hz, tune for a 700 Hz tone. You need a decent ear to do this right, but it DOES work.

===

Ted Beach

Do You Yahoo!?

Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Thu, 01 Apr 1999 23:37:22 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-1@lehigh.edu
Subject: [37117] Antenna Temperature and Noise
Message-ID: <37040332.9E9@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, it is well established that increased temperature excites electrons and increases noise in electronic systems.

This is self evident due to the existence of nitrogen cooled GaasFet and other LNA's used in communications.

Which prompted me to evaluate the effect of antenna thermal conductivity of antenna materials and antenna thicknesses.

To be evaluated is the differences between aluminum tubing with larger cross-section, i.e. thermally massive structures as well as thinner, wire antennas and their effect on receiver noise figure in complete systems.

To be comparative, all antennas tested were of same polarity and height above ground, having identical impedance characteristics and beamwidths. Extensive effort on antenna range selection, atmospheric measurements and system callibration was expended. After many months, the team qualified the criteria and test process thru NIST and proceeded with our measurements.

Results were very interesting. Of particular note was that that the aluminum tubing structures produced expected signals and QRN quantifiably relevant to expectations in KTb affects.

Wire antennas were installed and system calibrations found comparable results. As data were fed back into the system, a flexible algorithm amended our test algorithm and additional noise tests were performed

using ever-decreasing wire diameters. As the wire diameter approached the thickness of a human hair, the noise level was down significantly.

State of the art computers manipulated the data and designed the quietest, noise free, non-resistive antenna.

Disconnecting the offending antenna had a marked effect on received noise as the computer had predicted.

It is now being recommended that for the quietest received noise, NO antenna should be connected.

This report provided free of charge for our deserving Ham public as a service to all.

Ed-tenna incorporated, April 1st, 1999
FYI

--

-Ed AR QRP Millennium QSO's=537/2000
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Thu, 1 Apr 1999 23:59:48 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [37118] Re: Antenna Temperature and Noise
Message-ID: <003301be7c93\$587a4f40\$e642b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ed,
Good work om, but don't you think your info would be more quantitative if you had used a Veeblefetzter with a properly aligned Hemmingway arm and racum plate for the measurements? This would greatly enhance your Q+ voltage and Ktd inductance reluctance as regards capacitive downloading under certain atmospheric quantitative studies. This was shown to be true by Bork in his Antennas for Modern Studies Anthology.
73/72 de Steve, W8SFF

End of QRP-L Digest 1413

